

Removed from Mayon & Rollip's set of Jamaican
fungi by Mr. Weatherby.

no. 901 *Filix fragilis* for study by C. W.

nos 135, 558, - 1352^a - awaiting name.

no 1472 (probably) awaiting label.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

August 9, 1920.

Mr. C. A. Weatherby
East Hartford, Connecticut.

Dear Mr. Weatherby,

I enclose label for no. 1672 of the
Jamaican ferns. The other data are as
follows:

135. Auraria hispida (L.) Swartz.
on mossy rocks.

558. Dryopteris apalachicola (Swartz) Kunze
Rocky banks in partial shade.

1352 a. Polystichum dissimilans Maxon
Dry brushy bank

The Hieronymus papers I referred to came out
in Hedwigia, — the last five or six volumes, back
to 1916.

Yours, very truly

W. H. Maxon

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

July 29, 1920.

Dr. B. L. Robinson,
Gray Herbarium of Harvard University,
Cambridge, Massachusetts.

Dear Doctor Robinson:

I am sending you, in 5 packages, by mail, the ferns of the collection made in Jamaica by Mr. Killip and myself, and herewith typewritten list of identifications of localities for the same. The identifications are in general dependable, I think, but there are two or three species of Polypodium and several of the Hymenophyllaceae which will have to be worked out critically at a later time.

The phanerogams of the collection, with a similar list of identifications and localities, will be forwarded within a short time; but it will probably not be possible to send the cryptogams before autumn, inasmuch as these will have to await determination by several specialists.

Hoping that the material will reach you in good condition, I am,

Yours very truly,



William R. Maxon
Associate Curator,
Division of Plants.

(Enclosure)

Jamaican Ferns

collected by William R. Maxon and Ellsworth P. Killip,

February-April, 1920.

Seamen's Valley, Portland; altitude 150-250 meters,

February 14, 1920.

1. *Vittaria lineata* (L.) J. E. Smith.
Trunk of roadside tree.
4. *Polypodium piloselloides* L.
Trunk of roadside tree.
5. *Polypodium costatum* Kunze.
Trunk of roadside tree.
6. *Fadyenia hookeri* (Sweet) Maxon.
Shaded earth banks of small stream.
7. *Dryopteris (Stigmatopteris) nothochlaena* Maxon, n. sp.
Wet, shaded, clayey bank.
11. *Alsophila aspera* (L.) R. Br.
Roadside gully, in partial shade.
12. *Hemitelia horrida* (L.) R. Br.
Wet, shaded ravine.
14. *Odontosoria fumarioides* (Swartz) J. Sm.
Brushy clay slopes.
15. *Oleandra articulata* (Swartz) Presl.
Moist shaded bank.
16. *Dicranopteris pectinata* (Willd.) Underw.
Overhanging bank.

17. *Lycopodium cernuum* L.
Brushy roadside bank.
18. *Dicranopteris bifida* (Willd.) Maxon.
Brushy roadside bank.
19. *Dryopteris deltoidea* (Swartz) Kuntze.
Moist shaded banks.
20. *Blechnum occidentale* L.
Moist shaded banks.
22. *Anemia adiantifolia* (L.) Swartz.
Steep roadside bank.
23. *Adiantum cristatum* L.
Wet rocky bank.
- + 24. *Dryopteris reticulata* (L.) Urban.
Moist brushy bank.
- * 25. *Dryopteris obliterata* (Swartz) C. Chr.
Moist brushy bank.
- * 29a. *Cyathea arborea* (L.) J. E. Smith.
A single juvenile specimen; roadside bank.
34. *Dryopteris sprengelii* (Kaulf.) Kuntze.
Brushy moist bank.
- * 34a. *Dryopteris panamensis* (Presl) C. Chr.
Rocky edge of brook.
35. *Dryopteris normalis* C. Chr.
Brushy moist bank.
36. *Trichomanes scandens* L.
On trunk of *Alsophila aspera*.
Wet rocky ravine.

* 36a. *Dryopteris effusa* (Swartz) Urban.
Wet rocky ravine.

37. *Diplazium grandifolium* Swartz.
Wet rocky ravine.

* 38a. *Olfersia cervina* (L.) Kunze.
Wet rocky ravine.

* 39. *Leptochilus alienus* (Swartz) C. Chr.
Wet rocky ravine.

40. *Leptochilus nicotianifolius* (Swartz) C. Chr.
Wet rocky ravine.

41. *Asplenium cuneatum* Lam.
Wet rocky ravine; on tree trunks.

42. *Polytaenium lanceolatum* (L.) Benedict.
Wet rocky ravine; on tree trunks.

43. *Hemidictyum marginatum* (L.) Presl.
Rocky stream-bed of shaded ravine.

44. *Trichomanes krausii* Hook. & Grev.?
Wet rocky ravine; on tree trunks.

46. *Selaginella heterodonta* (Desv.) Hieron.
On sloping rock in stream-bed.

50. *Trichomanes rigidum* Swartz.
Clay soil, wet ravine.

76. *Adiantum pulverulentum* L. var. *caudatum* Jenman.
Rocky bank of stream.

77. *Vittaria stipitata* Kunze.
On tree, in dense forest along stream.

78. *Trichomanes krausii* Hook. & Grev.
On small branch, in dense forest.

80. *Dryopteris sagittata* (Swartz) C. Chr.
Moist rocks of stream bed.

84. *Anisosorus hirsutus* (L.) Trev.
Dense woods, at foot of falls.

87. *Asplenium salicifolium* L.
Dense forests.

* 87a. *Polypodium dissimile* L.
Dense forest, along stream; on tree.

88. *Tectaria apiifolia* (Schkuhr) Copel.
Dense forest, along stream.

Foothills of the John Crow Mountains, east of Seamen's
Valley, Portland; altitude 200-425 meters,
February 15, 1920.

100. *Asplenium auritum* Swartz.
Dry hillside, on trees.

Vicinity of Mill Bank, Portland; altitude 200-300 meters,
February 16-17, 1920.

* 122. *Elaphoglossum viridifolium* (Jenman) C. Chr.
Along trail, on log.

139. *Dryopteris sancta* (L.) Kuntze.
On shaded rocks of water course.

140. *Selaginella heterodonta* (Desv.) Hieron.
On shaded rocks of water course.

141. *Asplenium formosum* Willd.
On shaded rocks of water course.

142. *Anemia underwoodiana* Maxon.
On shaded rocks of water course.

144. *Dryopteris angustifolia* (Willd.) Urban.
Among shaded rocks of river bed.

147. *Dryopteris panamensis* (Presl) C. Chr.
Among rocks in water course.

148. *Polybotrya osmundacea* H. B. K.
Climbing on tree trunks.

149. *Cyathea elegans* Heward.
Edge of rocky forest.

150. *Dryopteris oligophylla* Maxon.
Edge of rocky forest.

151. *Nephrolepis pectinata* (Willd.) Schott.
Edge of rocky forest.

152. *Dryopteris effusa* (Swartz) Urban.
Edge of rocky forest.

153. *Dryopteris mollis* (Jacq.) Hieron.
Edge of rocky forest.

Cuna Cuna trail, above Mattis River, St. Thomas;
altitude 300-500 meters,

February 16, 1920.

154. *Polypodium duale* Maxon.
On tree trunk.

168. *Diplazium costale* Swartz.
On clay bank along trail.

169. *Dryopteris (Stigmatopteris) nothochlaena* Maxon, n. sp.
On clay bank along trail.

171. *Elaphoglossum apodum* (Kaulf.) Schott.
On tree trunk.

172. *Polypodium aspleniifolium* L.
In forest ravine, on trunk of large tree.

* 173. *Polypodium jenmani* Underw.
In forest ravine, on trunk of large tree.

174. *Trichomanes membranaceum* L.
In forest ravine, on rocky bank.

* 176. *Hymenodium crinitum* (L.) Féé.
In wet forest, on tree trunk.

177. *Hymenophyllum hirtellum* Swartz.
Moist rocky ravine, on tree trunk.

178. *Trichomanes hymenophylloides* v. d. B.
In moist rocky ravine.

179. *Hymenophyllum polyanthes* Swartz.
In moist rocky ravine.

181. *Dryopteris panamensis* (Presl) C. Chr.
Edge of forest.

188. *Hymenophyllum polyanthes* Swartz.

In dense forest, on decayed log.

191. *Trichomanes rigidum* Swartz.

Dense forest, on the ground.

193. *Trichomanes crispum* L.

In dense forest, on logs.

Vicinity of Mill Bank, Portland; altitude 200-300 meters,

February 16-17, 1920.

204. *Polypodium prieurii* (Fée) Christ.

In the open, on tree trunks.

205. *Polypodium polypodioides* (L.) Watt.

In the open, on tree trunks.

206. *Polypodium angustifolium* Swartz.

In the open, on tree trunks.

209. *Polypodium aureum* L.

In the open, on tree trunks.

210. *Polypodium chnoodes* Spreng.

Trunks of roadside trees.

211. *Hemionitis palmata* L.

Moist rocky bank in the open.

212. *Anemia underwoodiana* Maxon.

Moist rocky bank in the open.

213. *Trismeria trifoliata* (L.) Diels.

Moist rocky bank in the open.

214. *Dryopteris hirta* (Swartz) ^{Kze}.

Crevices of overhanging rocks.

Foothills of the John Crow Mountains, east of Seamen's
Valley, Portland; altitude 200-425 meters,

February 18, 1920.

218. *Adiantum kendalii* Jenman.
In wet ravine.

219. *Anemia adiantifolia* (L.) Swartz.
Clay banks along trail.

220. *Dryopteris consimilis* (Fée) C. Chr.
In dense forest.

226. *Anopteris hexagona* (L.) C. Chr.
In dense forest, on rocks.

229. *Tectaria martinicensis* (Spreng.) Copel.
In dense forest.

230. *Polytaenium lanceolatum* (L.) Benedict.
Dense forest, on trees.

232. *Dryopteris serrulata* (Swartz) C. Chr.
In dense forests.

235. *Polypodium repens* Aubl.
In dense forest, on trees.

* 237. *Polypodium dissimile* L.
In dense forest, on trees.

238. *Asplenium jamaicense* Jenman.
In dense forest, on wet rocks.

239. *Polypodium pectinatum* L.?
Deep woods, in rocky crevices.

241. *Nephrolepis pectinata* (Willd.) Schott.
Edge of woods, hanging over rocks.

244. *Asplenium laetum* Swartz.
In wet caves, on rocks.

246. *Trichomanes crispum* L.
On rotten tree trunk.

250. *Selaginella didymostachya* (Desv.) Spring.
Partially shaded bank.

252. *Dicranopteris bifida* (Willd.) Maxon.
Overhanging clay banks.

260. *Diplazium conchatum* (Fée) J. Sm.?
Dense forest, in wet ravine.

Vicinity of Windsor, Portland; altitude 150-175 meters,

February 15-19, 1920.

278. *Adiantum wilsoni* Hook.
In dense forest.

279. *Adiantum petiolatum* Desv.
In dense forest.

Vicinity of Hunts Bay,

February 22, 1920.

334. *Aegopodium aureum* L.
Mangrove swamp.

Vicinity of Ewarton; altitude 200-300 meters;

February 23, 1920.

342. *Dryopteris reptans* (Gmel.) C. Chr.

Roadside bank.

Along trail from Luidas Vale to Moneague; altitude 300-500 meters,

February 24, 1920.

357. *Cheilanthes microphylla* Sw.

Crevices of rocks.

358. *Polystichum triangulum* (L.) Fée.

Crevices of rocks.

369. *Asplenium jamaicense* Jenman.

Clefts in shaded rocks.

372. *Adiantum fragile* Swartz.

Partially shaded bank.

375. *Dryopteris sancta* (L.) Kuntze.

Partially open rocky bank.

Vicinity of Ewarton; altitude 200-300 meters,

February 25, 1920.

376. *Cheilanthes microphylla* Swartz.

Rocky bank.

387. *Adiantum tenerum* Swartz.

Partially shaded bank.

Near Gorden Town; altitude about 300 meters,

February 25, 1920.

400. *Pityrogramma sulphurea* (Swartz) Maxon.

Partially shaded dry banks.

401. *Adiantum fragile* Swartz,

Partially shaded dry banks.

402. *Adiantum tenerum* Swartz.

Partially shaded dry banks.

403. *Pteris longifolia* L.

Partially shaded dry banks.

Upper slopes of Mount Diabolo; altitude 500-800 meters,

February 25-28, 1920.

408. *Dennstedtia rubiginosa* (Kaulf.) Moore.

Brushy slopes.

412. *Dryopteris serrulata* (Swartz) C. Chr.

Rocky bank in partial shade.

421. *Adiantum cristatum* L.

Rocky banks.

425. *Dryopteris cordata* (Fée) Urban.

Partially shaded banks.

426. *Dryopteris tetragona* (Swartz) Urban.

Partially shaded banks.

* 425a. *Dryopteris reptans* (Gmel.) C. Chr.

Partially shaded banks.

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432. *Nephrolepis pectinata* (Willd.) Schott.
Rocky banks.

439. *Tectaria cicutaria* (L.) Copel.
Dense forest.

441. *Alsophila parvula* Jenman ?
Edge of rocky woods.

442. *Dryopteris patens* (Swartz) Kuntze.
Brushy banks.

452. *Olfersia cervina* (L.) Kunze.
Moist wood-edge.

454. *Dryopteris asplenoides* (Swartz) Kuntze.
Partially shaded bank.

455. *Dryopteris lurida* (Jenman) Hnd. & Maxon.
Wet forest.

456. *Dryopteris nockiana* (Jenman) C. Chr.
Wet rocky woods.

457. *Polypodium chnooides* Spreng.
On tree trunks in clearing.

463. *Polypodium piloselloides* L.
In woods, on tree trunks.

466. *Dryopteris sagittata* (Swartz) C. Chr.
Partially shaded banks.

467. *Dryopteris hirta* (Swartz) Kuntze.
Rocky bank, in partial shade.

468. *Pteris mutilata* L.
Moist woods.

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469. *Polyodium pectinatum* L.?
Edge of forest.

470. *Dryopteris venusta* (Hew.) Kuntze.
Dense wet forest.

471. *Polystichum rhizophorum* (Jenman) Maxon.
Rocky wood-edge.

472. *Dryopteris deltoides* (Swartz) Kuntze.
Rocky wood-edge.

473. *Trichomanes arboreum* Desv.
Forest; muddy soil.

474. *Pteris purdoniana* Maxon.
In forest opening, depending from steep rocky bank.

475. *Cyathea arborea* (L.) J. E. Smith.
Clearings.

476. *Dryopteris asplenoides* (Swartz) Kunze.
Rocky banks, in partial shade.

477. *Odontosoria fumaroides* (Swartz) J. Sm.
Brushy clearings.

478. *Dryopteris serrulata* (Swartz) C. Chr.
Rocky banks in partial shade.

479. *Dryopteris obliterata* (Swartz) C. Chr.
Moist wood-edge.

* 480a. *Lycopodium taxifolium* Swartz.
On trees.

481. *Dryopteris heterocarpa* (Desv.) C. Chr.
Brushy clearings.

482. *Polystichum* (intermediate between *P. christiana* and
P. ambiguum Maxon).
Wet rocky woods.

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500a. *Polystichum christiae* (Jenman) Und. & Maxon.
Rocky wood-edge.

501. *Pteridium* sp.
Clearings.

501a. *Adiantum trapeziforme* L.
Deep woods.

502. *Dryopteris reticulata* (L.).
Brushy banks.

507. *Dryopteris serra* (Swartz) Kuntze.
Open hillsides.

519. *Dryopteris asteroides* (Fée) C. Chr.
Dryish clefts of rocky bank.

523. *Dryopteris venusta* (Hew.) Kuntze.
Wet rocky woods.

525. *Dryopteris normalis* C. Chr.
Edge of woods.

Lower eastern slope of Mount Diabolo; altitude 350 meters,

February 29, 1920.

534. *Polypodium lycopodioides* L.
Dense forest.

536a. *Adiantum pulverulentum* L.
Rocky banks along trail.

537. *Asplenium auritum* Swartz.
In dense forest, on trees.

538. *Elaphoglossum maxoni* Underw.
Rocky bank at edge of woods.

539a. *Pteris swartziana* Agardh.
Moist woods.

540. *Dryopteris bibrachiata* (Jenman) Maxon?
Dense woods.

540a. *Dryopteris asplenoides* (Swartz) Kuntze.
Rocky bank along trail.

542. *Trichomanes scandens* L.
Climbing on tree trunks, in wet forest.

542a. *Trichomanes radicans* Swartz.
Wet forest.

543. *Polypodium repens* Aubl.
In wet forest, on tree trunks.

544. *Oleandra articulata* (Swartz) Presl.
In wet forest, on tree trunks.

545. *Polystichum christianaee* (Jenman) Und. & Maxon.
Wet rocky woods.

546. *Anopteris hexagona* (L.) C. Chr.
Wet rocky woods.

547. *Asplenium pteropus* Kaulf.
In wet woods, on trees.

547a. *Diplazium semihastatum* (Kunze) C. Chr.
Wet forest.

548. *Asplenium abscissum* Willd.
Dense forest, in wet soil.

549. *Diplazium conchatum* (Fée) J. Sm.?
Dense forest, in wet soil.

550. *Leptochilus nicotianae folius* (Swartz) C. Chr.

Dense forest; in wet soil.

553. *Dryopteris deltoidea* (Swartz) Kuntze.

Edge of woods.

554. *Selaginella* sp. (cfr. *S. confusa* Spring).

Deep woods.

Vicinity of Ewarton; altitude 200-300 meters,

February 23-29, 1920.

557. *Lycopodium dichotomum* Jacq.

Dense forest; on trees.

557a. *Lycopodium linifolium* L.

In forest; on trees.

Near Charlottenberg, below Content Gap,

March 3, 1920.

560. *Asplenium dimidiatum* Swartz.

Dry shrubby bank.

560a. *Adiantum trapeziforme* L.

Dry shrubby bank.

Vicinity of Cinchona; altitude 1,500 meters,

March 3, 1920.

562. *Selaginella kraussiana* (Kunze) A. Br.

Thickly carpeting rocks of moist shaded bank.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,

March 4, 1920.

583. *Lycopodium clavatum* L.

Dry hillsides.

599. *Elaphoglossum cinchonae* Underw.

Rocky bank.

603. *Polypodium lanceolatum* L.

On rocky banks.

608. *Polystichum struthionis* Maxon.

Rocky wooded slopes.

609. *Lycopodium reflexum* Lam.

Brushy rock slope.

610. *Struthiopteris lineata* (Swartz) Broadhurst.

Wet wooded bank.

616. *Diplazium expansum* Willd.?

Wet forest slope.

619. *Pteridium* sp.

Open brushy bank.

624. *Dryopteris heteroclita* (Desv.) C. Chr.

Moist rocky bank.

629. *Asplenium nesioticum* Maxon.
Wet crevices of rocks.

630. *Dryopteris asplenoides* (Swartz) Kuntze.
Rocky wooded bank.

631. *Polypodium pectinatum* L.
Rocky wooded bank.

632. *Pityrogramma tartarea* (Cav.) Maxon.
Open rocky banks.

633. *Dryopteris asplenoides* (Swartz) Kuntze.
In rock crevices in deep shade.

634. *Polypodium loriceum* L.
Rocky forested slope, on tree trunks.

635. *Dryopteris nockiana* (Jenman) C. Chr. var. nov.
Rocky bank in partial shade.

636. *Dryopteris nockiana* (Jenman) C. Chr., var. nov.
Rocky bank in partial shade.

639. *Odontosoria jenmani* Maxon.
Brushy slope; climbing over shrubs.

640. *Lycopodium fawcettii* Lloyd & Underw.
Open brushy slope.

642. *Lycopodium cernuum* L.
Brushy slope.

643. *Asplenium praemorsum* Swartz.
Clefts of rocky slope; partial shade.

Near St. Helen's Gap; altitude 1,450 meters,

March 5, 1920.

645. *Asplenium cirrhatum* Rich. (var.).

Shaded rocky bank.

646. *Diplazium semihastatum* (Kunze) C. Chr.

Shaded rocky bank.

647. *Polystichum polystichiformis* (Fée) Maxon.

Shaded rocky bank.

650. *Asplenium resiliens* Kunze.

Crevices of shaded rocks.

651. *Asplenium fragrans* Swartz.

Partly shaded rocky bank.

Morces Gap and vicinity; altitude 1,500 meters,

March 21, 1920.

652. *Elaphoglossum latifolium* (Swartz) J. Smith.

Moist shaded banks and base of tree trunks.

653. *Elaphoglossum pallidum* (Baker) C. Chr.

Loose shale banks in partial shade.

654. *Nephrolepis cordifolia* (L.) Presl.

Exposed rocky banks.

655. *Hymenophyllum crispum* H. B. K.

Shaded bank, on well rotted woods.

657. *Elaphoglossum hookerianum* Underw.

On branch of large forest tree.

658. *Polypodium rigens* Maxon.
On mossy tree trunk.

659. *Polypodium suspensum* L.
On trunks of tree ferns.

660. *Cyathea furfuracea* Baker.
Moist ravine.

661. *Cyathea pubescens* Mett.
Moist forest.

662. *Struthiopteris polypodioides* (Swartz) Trev.
Climbing on *Cyathea pubescens*, in moist forest.

663. *Trichomanes rigidum* Swartz.
Wet forest floor.

664a. *Lycopodium reflexum* Lam.
Moist rocky bank.

666. *Hymenophyllum sericeum* Sw.
Rotten wood, beneath overhanging shady bank.

667. *Hymenophyllum abruptum* Hook.
Growing mixed with no. 666.

668. *Polypodium nimbatum* Jenman.
Mixed with no. 666.

668a. *Polypodium trichomanoides* Sw.
Rotten wood, beneath shaded bank.

669. *Diplazium costale* Swartz.
Wet rocky forest.

670. *Hymenophyllum lanatum* Fée.
Rotten wood, beneath shaded overhanging bank.

671. *Polypodium curvatum* Swartz.

In forest, on shady tree trunks.

672. *Hymenophyllum tunbridgense* (L.) J. E. Smith.

Rotten trunks, with *H. polyanthos* and with several hepatics.

673. *Hymenophyllum fucoides* Swartz.

With no. 672.

676. *Hymenophyllum polyanthes* Swartz.

With no. 672.

Trail from Morces Gap to Vinegar Hill; altitude 1,175-1,500 meters,

March 21, 1920.

680. *Alsophila aspera* (L.) R. Br.

682. *Lycopodium taxifolium* Swartz.

Edge of forest; on tree trunk.

690a. *Lycopodium taxifolium* Swartz.

Trunk of forest tree.

692. *Elaphoglossum* sp.

693. *Polypodium gramineum* Swartz.

Trunk of forest tree.

700. *Elaphoglossum decoratum* (Kunze) Moore.

Wet forested ravine.

701. *Trichomanes crinitum* Sw.

702. *Asplenium fadyefi* Hook. / n

Wet forested slope.

703. *Elaphoglossum villosum* (Swartz) J. Sm.
At edge of forest; tree trunks.

704. *Saccoloma domingense* (Spreng.) Prantl.
Moist forested slope.

705. *Hymenophyllum lanatum* Féé.
(With *H. abruptum* intermixed.)

706. *Hymenophyllum fuccoides* Swartz.
Depending from moist shady bank.

707. *Selaginella didymostachya* (Desv.) Spring.
Rocky bank, in partial shade.

709. *Anogramma chaerophylla* (Desv.) Link.
Rock crevices, in partial shade.

710. *Asplenium cirrhatum* Rich. (var.).
Moist shady bank.

711. *Polypodium induens* Maxon.
Steep mossy bank, in partial shade.

713. *Elaphoglossum cubense* (Mett.) C. Chr.
Steep mossy bank.

716. *Dryopteris* (*Stigmatopteris*) *nothochlaena* Maxon sp. nov.
Border of wet forest.

717. *Polystichum plaschnickianum* (Kunze) Moore.
Moist rocky bank, in partial shade.

735. *Danaea jenmani* Underw.
Moist forested ravine.

736. *Trichomanes rigidum* Swartz.
Moist forest floor.

737. *Danaea jamaicensis* Underw.
Wet ravine in forest.

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738. *Asplenium dissectum* Swartz.
Shaded trunks of trees.

739. *Hymenophyllum fucoides* Swartz.
Moist rocky bank.

743. *Hymenophyllum abruptum* Hook.
Overhanging bank at edge of forest.

744. *Polypodium curvatum* Swartz.
Trunks of forest trees.

Vicinity of Thomsens Gap, Portland; altitude about 1,000 meters,

March 5 and 6, 1920.

748. *Alsophila* sp.
Brushy hillsides.

749. *Blechnum blechnoides* (Lag.) C. Chr.
Rocky hillsides along trail.

750. *Dryopteris panamensis* (Presl) C. Chr.
Rocky hillsides along trail.

753. *Lygodium volubile* Swartz.
Thickets on dry hillsides; climbing over shrubs.

754. *Olfersia cervina* (L.) Kunze.
Deep woods.

755. *Tectaria apiifolia* (Schkuhr.) Copel.
Deep woods.

756. *Polybotrya osmundacea* H. B. K.
Deep woods; climbing up tree trunks.

Valley of Trafalgar River, near Jumbo Spring, Portland;
altitude about 800 meters, March 6, 1920.

757. *Trichomanes hookeri* Presl.

Dense wet forest; on tree trunks.

758. *Trichomanes krausii* Hook. & Grev.

Dense wet forest; on tree trunks.

759. *Trichomanes sphencoides* Kunze.

Dense wet forest; on tree trunks.

760. *Trichomanes hymenophylloides* v. d. B.

Dense wet forest; on tree trunks.

761. *Aslophila aspera* (L.) R. Br.

Dense wet forest.

762. *Fadyenia hookeri* (Sweet) Maxon.

Damp banks of ravine.

763. *Trichomanes membranaceum* L.

Dense wet forest; on tree trunks.

764. *Anisocorus hirsutus* (L.) Trev.

Dense wet forest.

766. *Asplenium fragrans* Swartz.

Dense wet forest.

768. *Dryopteris decurrentia* (L.) Urban.

Dense wet forest.

770. *Asplenium cuneatum* Lam.

Dense wet forest.

771. *Asplenium abscissum* Willd.

At base of falls on wet rocks.

772. *Asplenium lactum* Swartz.
At base of falls on wet rocks.

773. *Hymenophyllum hirtellum* Swartz.
At base of falls, depending from fallen tree trunks.

774. *Diplazium expansum* Willd.?
At base of falls.

775. *Vittaria remota* Féé.
At base of falls, on tree trunks.

776. *Hymenophyllum protrusum* Hook.
At base of falls, on fallen trees.

777. *Hymenophyllum hirtellum* Swartz.
At base of falls.

778. *Rhipidopteris peltata* (Swartz) Schott.
At base of falls, on tree trunks.

779. *Hemitelia horrida* (L.) R. Br.
At base of falls.

780. *Polytaenium lanceolatum* (L.) Benedict.
At base of falls, on tree trunks.

781. *Polypodium aspleniifolium* L.
At base of falls, on tree trunks.

782. *Hymenodium crinitum* (L.) Féé.
At base of falls, on decayed trees.

786. *Dryopteris deltoidea* (Swartz) Kuntze.
Dense wet forest.

787. *Oleandra articulata* (Sw.) Presl.
Damp banks in dense forest.

788. *Asplenium pteropus* Kaulf.
Wet dense forest; on tree trunks.

789. *Polypodium harrisi* Jenman.
Wet dense forest; on tree trunks.

790. *Anetium citrifolium* (L.) Splitg.
Wet dense forest; on tree trunks.

793. *Vittaria stipitata* Kunze.
Wet dense forest; depending from branches of trees.

796. *Hemionitis palmata* L.
Exposed banks along trail in ravine.

797. *Doryopteris pedata* (L.) Fée.
Exposed banks along trail in ravine.

798. *Asplenium lunulatum* Swartz.
Dense wet forest.

800. *Adiantum macrophyllum* Swartz.
Dense wet forest.

805. *Leptochilus nicotianaeefolius* (Swartz).
Dense wet forest.

809. *Asplenium erosum* L.
Dense wet forest; damp soil.

809a. *Polypodium chnoodes* Spreng.
Dense wet forest; on tree.

810. *Polystichum rhizophyllum* (Swartz) Presl.
Exposed banks along trail in ravine.

811. *Trichomanes hymenophylloides* v. d. B.
Dense forest; on tree trunks.

814. *Trichomanes sinuosum* Rich.
Dense wet forest; on tree trunks.

817. *Polypodium dissimile* L.
Dense wet forest; on tree trunks.

818. *Elaphoglossum apodum* (Kaulf.) Schott.
Dense wet forest; on tree trunks.

819. *Asplenium fragrans* Swartz.
Dense wet forest; on tree trunks.

820. *Cyathaea elegans* Hew.
Dense wet forest.

821. *Dicranopteris pectinata* (Willd.) Underw.
Exposed banks along trail in ravine.

823. *Adiantum cristatum* L.
Rocky woods.

827. *Cyathaea nigrescens* (Hock.) J. Sm.
Dry exposed hillsides.

Near Vinegar Hill, Portland; altitude about 1,175 meters,

March 7, 1920.

828. *Rhipidopteris peltata* (Swartz) Schott.
Banks along trail.

Vicinity of Thomsons Gap, Portland; altitude about 1,000 meters,

March 5 and 6, 1920.

829. *Polypodium attenuatum* H. & B.
Dry exposed hillsides.

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Near Vinegar Hill, Portland; altitude about 1,175 meters, March 7, 1920.

833. *Dryopteris villosa* (L.) Kuntze.

Dense forest.

Near headwaters of the Clyde River, below Cinchona,

March 8, 1920.

848. *Hymenophyllum fucoides* Swartz.

Dense forest; on decayed logs.

854. *Asplenium cristatum* Lam.

Wet forested banks of ravine.

855. *Diplazium semihastatum* (Kunze) C. Chr.

Wet forested banks of ravine.

856. *Asplenium alatum* H. B. K.

Wet forested banks of ravine.

858. *Asplenium cirrhatum* Rich.

Wet rocky ravine.

Trail from St. Helens Gap to Latimer River;

altitude 1,400-1,475 meters, March 9, 1920.

886. *Polypodium squamatum* L.

On shaded rocks; on tree trunks.

887. *Polypodium thysanolepis* A. Br.

On rocky banks.

888. *Polypodium polypodioides* (L.) Watt.

On trees and rocks.

891. *Lycopodium clavatum* L.

On steep rocky bank.

898. *Hypolepis repens* (L.) Presl.
Along stream.

899. *Pteris quadriaurita* Retz.
In stream bottom.

900. *Dryopteris asplenoides* (Swartz) Kuntze.
In stream bottom.

901. *Filix fragilis* (L.) Gilib.
At base of very wet shaded cliff; pendent.

902. *Dryopteris villosa* (L.) Kuntze.
On shaded rocky bank.

903. *Hymenophyllum axillare* Swartz.
Dripping vertical rocks; in shade.

904. *Elaphoglossum pallidum* (Baker) C. Chr.
Damp shaded bank.

906. *Polystichum struthionis* Maxon.
Damp shaded bank.

907. *Elaphoglossum cinchonae* Underw.
Damp shaded bank.

911. *Struthopteris lineata* (Swartz) Broadhurst.
Border of rocky woods.

Trail from St. Helens Gap to Latimer River;
altitude 1,400-1,475 meters, March 9, 1920.

914. *Pteris podophylla* Swartz.
Damp shaded bank.

Below New Haven Gap; altitude 1,500-1,600 meters,
March 10, 1920.

919. *Alsophila quadripinnata* (Gmel.) C. Chr.
Brushy edge of forest.

924. *Dicranopteris bifida* (Willd.) Maxon.
Brushy slope.

926. *Histiopteris incisa* (Thunb.) J. Sm.
Brushy slope.

927. *Elaphoglossum latifolium* (Swartz) J. Sm.
Brushy slope.

928. *Elaphoglossum chartaceum* (Baker) C. Chr.
Brushy slope.

931. *Hymenophyllum undulatum* Swartz.
On rotten log.

932. *Dryopteris denticulata* (Swartz) Kuntze.
Dense humid forest.

933. *Hymenophyllum polyanthes* Swartz.
Rotten log in forest.

934. *Hymenophyllum sericeum* Swartz.
Mossy logs.

935. *Hymenophyllum axillare* Swartz.
Mossy logs.

937. *Trichomanes crispum* L.
Mossy logs.

938. *Hymenophyllum polyanthes* Swartz.
Mossy logs.

939. *Hymenophyllum undulatum* Swartz.
Mossy logs.

942. *Hymenophyllum tunbridgense* (L.) Sm.
Mossy tree trunk.

944. *Cyathaea gracilis* Griseb.
Edge of wet forest.

945. *Paesia viscosa* St. Hil.
Edge of wet forest.

Vicinity of New Haven Gap; altitude about 1,676 meters,

March 10, 1920.

948. *Trichomanes radicans* Swartz.
Dense forest, on steep wet bank.

949. *Trichomanes capillaceum* L.
On trunk of tree-fern.

951. *Polypodium suspensum* L.
On trunk of tree-fern.

952. *Marattia alata* Swartz.
Dense humid forest.

953. *Elaphoglossum hirtum* (Swartz) C. Chr.
Dense humid forest; hanging from large trees.

954. *Diplazium centripetale* (Baker) Maxon.
Dense humid forest.

955. *Trichomanes hymenophylloides* v. d. B.
Wet forest; on vertical rocks.

956. *Trichomanes radicans* Swartz.
Wet forest; on tree trunks.

957. *Hymenophyllum polyanthes* Swartz.
Wet forest; on tree trunks.

958. *Pteris podophylla* Swartz.

In wet forest.

959. *Polypodium cultratum* Willd.

In wet forest; on tree trunks.

Below New Haven Gap; altitude 1,500-1,600 meters, March 10, 1920.

964. *Dicranopteris jamaicensis* Underw.

Forming thickets in the open.

965. *Hymenophyllum constrictum* Christ?

Mossy branches of forest trees.

968. *Polypodium rigens* Maxon.

Trunks of forest trees.

"Big Rock," below Cinchona, March 11, 1920.

972. *Anemia adiantifolia* (L.) Swartz.

Brushy banks.

975. *Polystichum dissimilans* Maxon.

Steep rocky bank.

977. *Diplazium flavescens* (Mett.) Christ?

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,

March 12, 1920.

981. *Selaginella didymostachya* (Desv.) Spring.

Rocky bank.

Wooded lower slopes of John Crow Peak; altitude 1,500-1,650 meters,

March 12, 1920.

984. *Cyathaea nigrescens* (Hook.) J. Sm.

986. *Polypodium gramineum* Sw.

On wet tree trunks.

988. *Trichomanes crispum* L.

Rotten tree trunks.

990. *Hymenophyllum polyanthes* Swartz.

On tree trunks.

992. *Hymenophyllum asplenoides* Swartz.

Dense forest; covering base of tree.

Wooded upper slopes of John Crow Peak; altitude 1,650-1,750 meters,

March 12, 1920.

995. *Botrychium cicutarium* Sav.

Rich rocky forest.

996. *Asplenium monteverdense* Hook.

Forest; lower clefts of high cliffs.

997. *Hymenophyllum asplenoides* Sw.

Base of tree trunks; dense forest.

998. *Polystichum triangulum* (L.) Féé.

Crevises of shaded rocks.

1000. *Asplenium underwoodii* Maxon.

In moist clefts of shaded cliffs.

1001. *Diplazium semihastatum* (Kunze) C. Chr.
Base of shaded cliffs.

1002. *Asplenium clutei* Gilbert.
Dry pockets (sheltered) at base of cliffs.

1003. *Dryopteris bibrachiata* (Jenman) Maxon.
Dry pockets (sheltered) at base of cliffs.

1004. *Polystichum plaschnickianum* (Kunze) Moore.
Base of shaded cliffs.

1005. *Pteris stridens* Agardh.
Rocky forest.

1006. *Polypodium cultratum* Willd.
Tree trunks.

1008. *Lycopodium taxifolium* Swartz.
On tree trunk.

1009. *Polystichum struthionis* Maxon.
Rocky bank.

Wooded lower slopes of John Crow Peak; altitude 1,500-1,650 meters,

March 12, 1920.

1014. *Dryopteris denticulata* (Swartz) Kuntze.
Wet rocky slope.

1015. *Alsophila quadripinnata* (Gmel.) C. Chr.
Rocky slope.

1017. *Hymenophyllum sericeum* Swartz.
On horizontal tree trunk.

1018. *Hymenophyllum undulatum* Swartz.
On horizontal tree trunk.

1019. *Hymenophyllum tunbridgense* (L.) J. E. Smith.
On base of tree.

1020. *Hymenophyllum polyanthes* Sw.
Base of tree trunk.

1021. *Polypodium trichomanoides* Swartz.
On tree trunks.

1022. *Polypodium curvatum* Swartz.
Trunk of forest tree.

1024. *Trichomanes capillaceum* L.
Trunk of tree-ferns.

1027. *Odontosoria jenmani* Maxon.
Dense forest; climbing over shrubs.

1028. *Trichomanes alatum* Swartz.
Trunk of Cyathea furfuracea Baker.

Morces Gap and vicinity; altitude 1,500 meters, March 12, 1920.

1031. *Polypodium* sp.
On tree trunk.

Along the Green River, between Pleasant Hill and Green Valley,
below Cinchona, March 12, 1920.

1034. *Polystichum triangulum* (L.) Fée.
Rocky banks.

1040. *Trismeria trifoliata* (L.) Diels.
Moist brushy places.

1042. *Dryopteris oligophylla* Maxon.
Partially shaded banks.

1044. *Adiantum tenerum* Swartz.
Partially shaded bank.

1045. *Adiantum cristatum* L.
Partially shaded bank.

1048. *Pteris grandifolia* L.
Partially shaded bank.

1050. *Asplenium pumilum* Swartz.
Dryish rocky bank.

1051. *Adiantum fragile* Swartz.
Steep banks, in partial shade.

1052. *Gymnopteris rufa* (L.) Bernh.
Brushy banks.

1053. *Equisetum giganteum* L.
Moist bank.

1054. *Adenoderris viscidula* (Mett.) Maxon.
Rocky bank.

1056. *Dryopteris sagittata* (Swartz) C. Chr.
Rocky bank of stream.

1059. *Polypodium exiguum* Hew.
Climbing on shrubs.

1061. *Asplenium dentatum* L.

1062. *Hemionitis palmata* L.
Brushy bank.

Morges Gap and vicinity; altitude 1,500 meters, March 14, 1920.

1070. *Polypodium squamatum* L.

Along trail.

1071. *Botrychium jenmani* Underw.

Along trail.

1076. *Polypodium cultratum* Willd.

Moist rocky ravine; on base of *Cyathaea pubescens*.

1081. *Diplazium wilsoni* (Baker) Diels.

Dense forest; wet rocky ravine.

1082. *Asplenium cirrhatum* Rich. (var.).

Dense forest; wet rocky ravine.

1083. *Asplenium alatum* H. B. K.

Dense forest; wet rocky ravine.

Vicinity of Portland Gap; altitude about 1,650 meters,

March 16, 1920.

1094. *Elaphoglossum hookerianum* Underw.

On tree trunk.

1095. *Elaphoglossum villosum* (Swartz) J. Sm.

On tree trunk.

Summit of Blue Mountain Peak; altitude 2,225 meters,

March 16, 1920.

1096. *Polypodium grisebachii* Underw.

On tree trunk.

1097. *Polypodium heterotrichum* Baker.
On tree trunk.

1098. *Polypodium myosuroides* Swartz.
On tree trunk.

1099. *Polypodium nubigenum* Maxon?
On tree trunk.

1100. *Polypodium taxifolium* L.
On tree trunk.

1101. *Polypodium basiattenuatum* Jenman.
On tree trunk.

1102. *Polypodium moniliforme* Lag.
On tree trunk.

1103. *Polypodium delitescens* Maxon.
On tree trunk.

1107. *Hymenophyllum axillare* Swartz.
Mixed with tufts of moss and hepatics.

1108. *Elaphoglossum hirtum* (Swartz) C. Chr.
Depending from mossy trunks.

1109. *Elaphoglossum inaequalifolium* (Jenman) C. Chr.
Rigidly erect, on mossy trunks.

1110. *Hymenophyllum polyanthes* Swartz, (var.)
Among rootstocks of no. 1108.

1111. *Paesia viscosa* St. Hil.
Forming thickets.

Upper slopes of Blue Mountain Peak; altitude about 2,100 meters,
March 16, 1920.

1124. *Elaphoglossum muscosum* (Swartz) Moore.

Wet rocky bank, in partial shade.

1125. *Struthiopteris lineata* (Swartz) Broadhurst.

In all semi-open situations.

1126. *Hymenophyllum undulatum* Swartz.

Forming dense large cushion at base of tree.

1127. *Elaphoglossum hirtum* (Swartz) C. Chr.

In tuft of no. 1126.

1134. *Selaginella* sp.

Steep shaded earth bank.

1136. *Hymenophyllum polyanthes* Sw., (var.).

Mossy tree trunks.

1137. *Hymenophyllum fucoides* Swartz.

With no. 1136.

1139. *Hypolepis nigrescens* Hook.

Forming thickets in openings of forest.

1140. *Polypodium nubigenum* Maxon?

In tufts on mossy tree trunks and large branches.

1141. *Hymenophyllum undulatum* Swartz.

Widely creeping on tree trunks.

1142. *Hymenophyllum axillare* Swartz.
In thick mat, mixed with mosses, on tree trunks.

1145. *Dicranopteris jamaicensis* Underw.
Forming extensive thickets 1-1.5 m. high.

1146. *Cyathea furfuracea* Baker.
Trunk 1.5 m. high; fronds 1.5 m. long; blades oblong-
obovate.

1149. *Dryopteris heteroclita* (Desv.) C. Chr.
Rocky banks; partial shade.

Lower slopes of Blue Mountain Peak; altitude about 1,950 meters,

March 16, 1920.

1153. *Selaginella* sp.
Dense tufts on wet shady bank.

1156. *Polypodium delitescens* Maxon.
Mossy trunk of tree.

1156a. *Polypodium basiattenuatum* Jenman.
With no. 1156.

1157. *Polypodium rigens* Maxon.
With no. 1156.

1158. *Polypodium marginellum* Swartz.
With no. 1156.

1159. *Polypodium trichomanoides* Swartz.
With no. 1156.

1160. *Polypodium brunneo-viride* Baker.
With no. 1156.

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Lipman

1170. *Elaphoglossum petiolatum* (Swartz) Urban.
On trunk of forest tree.

1172. *Hymenophyllum lanatum* Féé.
Mossy trunk of forest tree.

1173. *Polypodium nubigenum* Maxon.
Mossy trunk of forest tree.

1174. *Polypodium graveolens* Baker.
Mossy trunk of forest tree.

1176. *Hymenophyllum lineare* Swartz.
In large mass; tree trunk.

1177. *Polystichum underwoodii* Maxon (not typical).
Beneath shaded wet overhanging earth bank.

1178. *Asplenium harpeodes* Kunze.
Shaded tree trunk.

1179. *Trichomanes radicans* Swartz.
Tree trunk base (shaded).

1181. *Hymenophyllum undulatum* Swartz'
On tree trunk.

1182. *Asplenium harrisii* Jenman.
With no. 1177.

Lower slopes of Blue Mountain peak;

altitude 1,700-1,800 meters, March 16, 1920.

1184. *Lycopodium reflexum* Lam.

Brushy slopes.

1185. *Lycopodium jussiaei* Desv.

Brushy slopes.

1186. *Hymenophyllum axillare* Swartz.

On tree trunk.

1187. *Polypodium trichomanoides* Sw.

On tree trunk.

Vicinity of Portland Gap; altitude about 1,650 meters,

March 16, 1920.

1189. *Dennstedtia cicutaria* (Swartz) Moore.

Wet forest.

1190. *Marattia alata* Swartz.

Wet forest.

1191. *Cyathea tussacii* Mett.

Wet forest.

1196. *Polypodium suspensum* L.

On tree trunks.

Chestervale, below Cinchona, March 19, 1920.

1202. *Pityrogramma sulphurea* (Swartz) Maxon.

Moist shady bank.

1204. *Polystichum dissimilans* Maxon.

Steep brushy bank.

Silver Hill Gap; altitude 900 meters, March 19, 1920.

1205. *Odontosoria fumarioides* (Swartz) J. Sm.

Steep brushy bank.

Road from Silver Hill Gap (900 meters) to Hardware Gap (1,200 meters),

March 19, 1920.

1216. *Polypodium repens* Aubl.

Depending from moist shady cliff.

1232. *Anogramma chaerophylla* (Desv.) Link.

Crevices of rocky ledge.

1234. *Polypodium plumula* H. & B.

Clefts of steep rocky bank.

1235. *Lycopodium reflexum* Lam.

Steep brushy bank.

1251. *Polypodium lycopodioides* L.

On exposed ledge.

1253. *Pityrogramma tartarea* (Cav.) Maxon.

Brushy rocky bank.

1254. *Dennstedtia rubiginosa* (Kaulf.) Moore.

Brushy rocky bank.

1257. *Dictanopteris palmata* (Schaffn.) Underw.

Steep brushy banks.

1258. *Diplazium costale* (Swartz) Presl.

Border of wet forest.

1259. *Dicranopteris bifida* (Willd.) Maxon.

Overhanging brushy bank.

1261. *Alsophila swartziana* Mart.

Steep slope below trail.

1262. *Selaginella didymostachya* (Desv.) Spring.

Steep shady bank.

1266. *Dryopteris heterocarpa* (Desv.) C. Chr.

Edge of rocky forest.

1266a. *Dryopteris heteroclita* (Desv.) C. Chr.
With no. 1266.

Morces Gap and vicinity; altitude 1,500 meters,

March 21, 1920.

1278. *Polypodium duale* Maxon.
Shaded rocky bank.

Trail from Morces Gap to Vinegar Hill; altitude 1,175-1,500 meters,

March 21, 1920.

1283. *Hymenophyllum* (cfr. *polyanthes*).
Depending from rocks of wet steep bank; also in soil.

1286. *Elaphoglossum hookerianum* Underw.
Moist rocky slope, among stones!

1287. *Polystichum plaschnickianum* (Kunze) Moore.
Moist rocky bank.

1288. *Cyathea tussacii* Mett.
Rocky slope.

1289. *Marattia alata* Swartz.
Wet forested slope.

1290. *Hymenophyllum fucoides* Swartz,
Depending from wet rocks in recesses of steep bank.

1302. *Polypodium induens* Maxon.
With mosses and hepaticas densely covering very wet rocks
of steep bank in shade.

1304. *Selaginella confusa* Spring.
Steep rocky wet bank, in partial shade.

1308. *Dryopteris villosa* (L.) Kuntze.
Mouth of rocky ravine, in shade.

1309. *Selaginella didymostachya* (Desv.) Spring.
Steep rocky bank.

1309a. *Trichomanes rigidum* Swartz.
With no. 1309.

1310. *Elaphoglossum villosum* (Swartz) J. Sm.
On tree trunk.

1310a. *Trichomanes* sp.
On rhizome of no. 1310.

1312. *Polypodium suspensum* L.
On mossy rocks of steep bank.

1313. *Elaphoglossum cubense* (Mett.) G. Chr.
Mossy vertical bank.

1313a. *Elaphoglossum villosum* (Swartz) J. Sm.
On mossy vertical bank! (with no. 1313).

1318. *Asplenium alatum* H., B., K.
Young plants.

1319. *Polypodium suspensum* L.
On trunk of tree fern.

1321. *Polypodium repens* Aubl.
Steep wet rocky bank, in shade.

1322. *Polypodium duale* Maxon.
Steep wet bank, on rock.

1322a. *Hymenophyllum* (s. fr.). Rare.
Mixed in mat of *P. duale*, mosses, and various hepaticas.

1325. *Diplazium centripetale* (Baker) Maxon.
Rocky forested slope.

Morces Gap and vicinity; altitude 1,500 meters, March 21, 1920

1328. *Dicranopteris palmata* (Schaffn.) Underw.
Rocky bank in partial shade.

1329. *Polypodium cultratum* Willd.

Rocks of steep bank, in partial shade.

1329a. *Hymenophyllum* sp.

Mixed with no. 1329.

1330. *Elaphoglossum villosum* (Swartz) J. Sm.
Steep rocky bank.

1330a. *Trichomanes capillaceum* L.

On rhizome of no. 1330.

1332. *Dryopteris patens* (Swartz) Kuntze.
Rocky bank.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,

March 21, 1920.

1338. *Dryopteris neckiana* (Jenman) C. Chr., var. nov..
Edge of rocky forest.

Near Green River, on trail from Cinchona to Whitfield Hall,

March 22, 1920.

1352. *Dryopteris pubescens* (L.) Kuntze.

Rocky bank.

1353. *Pityrogramma sulphurea* (Swartz) Maxon.

Rocky bank.

1354. *Polypodium angustifolium* Swartz.

Rocky bank.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,

March 21, 1920.

1355. *Dryopteris nockiana* (Jenman) C. Chr., var. nov.

Brushy edge of forest.

"Resource," below Cinchona, March 23, 1920.

1358. *Cyathea elegans* Heward.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,

March 24, 1920.

1368. *Pteris longifolia* L.

Dry rocky bank in open.

1372. *Dryopteris nockiana* (Jenman) C. Chr.

Partially cleared bank at edge of forest.

Near Guava Ridge; altitude about 650 meters, March 16, 1920.

1405. *Notholaena trichomanoides pilosa* Kuhn & Christ.

Dry open banks.

1406. *Pityrogramma sulphurea* (Swartz) Maxon.

Steep shaded earth bank.

1407. *Adiantum concinnum* H. & B.

Steep shaded earth bank.

Below Cinchona, on trail to Yallahs River, March 25, 1920.

1408. *Dicranopteris bancroftii* (Hock.) Underw.

Brushy slopes.

Mt. Hybla (on trail from Cinchona to Yallahs River),

March 25, 1920.

1411. *Dryopteris nockiana* (Jenman) C. Chr.

Moist bank, partial shade.

David's Hill, north side of Yallahs River, March 25, 1920.

1412. *Cheilanthes microphylla* Swartz.

In earth crevices of rocky bank.

1413. *Polystichum triangulum* (L.) Fée.

On rocky bank, partial shade.

Lower part of David's Hill, near Yallahs River, March 25, 1920.

1414. *Notholaena trichomanoides pilosa* Kuhn & Christ.

On moist rocky bank.

1415. *Polypodium plumula* H. & B., var.

On moist rocky bank.

Trail between Yallahs River and Content Gap, March 25, 1920.

1416. *Notholaena trichomanoides* (L.) R. Br.

Dry rocky bank.

1417. *Notholaena trichomanoides pilosa* Kuhn & Christ.

Dry rocky bank.

1418. *Notholaena bonariensis* (Willd.) C. Chr.

Dry rocky bank.

Near Charlottenburg, above Gordontown, March 25, 1920.

1419. *Dryopteris panamensis* (Presl) C. Chr.

Moist shady bank.

1420. *Equisetum giganteum* L.

Grassy bank of rapid streams.

Above Gordontown, March 25, 1920.

1421. *Notholaena trichomanoides* (L.) R. Br.

Dry rocky banks.

Vicinity of Montego Bay, March 28-30, 1920.

1443. *Polypodium exiguum* Hew.

On base of no. 1444. ("Birch").

1445. *Adiantum melanoleucum* Willd.

Dry rocky bank, by road.

Cooks Bottom, north of Ipswich, St. Elizabeth;

altitude 400-450 meters, March 31, 1920.

1446. *Polypodium crassifolium* L.

Steep rocky slope, under trees.

1447. *Polypodium phyllitidis* L.

With no. 1446.

1448. *Polypodium lycopodioides* L.

Tree trunk.

1449. *Cyathea arborea* (L.) J. E. Smith.

Rocky slope.

1451. *Polystichum harrisi* Maxon.

Shaded limestone cliffs.

1452. *Asplenium jamaicense* Jenman.

Very dry crevices of shaded limestone cliffs.

1453. *Elaphoglossum apodium* (Kaulf.) Schott.

Tree trunks.

* 1453a. *Polystichum triangulum* (L.) Fée.

Steep cliffs.

* 1454. *Dryopteris venusta* (Hew.) Kuntze.

Rocky slope under trees.

1455. *Polypodium chnoodea* Spreng.
Tree trunk.

1456. *Tectaria apiifolia* (Schkuhr) Copel.
Dry cliffs.

* 1459. *Adiantum pulverulentum* L. var. *caudatum* Jenman.
Limestone cliff, in partial shade.

1461. *Asplenium erosum* L.
Crevices of limestone cliffs of steep wooded slope.

1465. *Stenochlaena jamaicensis* Underw.
Base of shady limestone cliff.

1465. *Selaginella lasiophylla* A. Br.
Face and talus of shady limestone cliffs.

1466. *Dryopteris asterothrix* (Fée) C. Chr.
Chinks of dryish limestone cliff.

1469. *Dryopteris asplenoides* (Swartz) Kuntze,
Shady base of limestone cliff.

1472. *Dryopteris consimilis* (Fée) C. Chr.
Moist talus at base of cliff.

1473. *Cyathea elegans* Hew.
Moist flat near stream.

1475. *Pteris swartziana* Agardh.
Moist woods, near stream.

1476. *Asplenium auritum* Swartz.
Tree trunk, edge of woods.

1477. *Danaea nodosa* (L.) J. E. Smith.
Moist woods.

1478. *Diplazium grandifolium* Swartz.
Moist woods.

1479. *Asplenium jamaicense* Jenm.
Earth pockets of shaded cliff.

1480. *Polystichum harrisii* Maxon.
Shady rocky slope.

Vicinity of Mulgrove, north of Ipswich, St. Elizabeth;
altitude 375 meters, April 1, 1920.

1484. *Adiantum cristatum* L.
Rocky wooded slope.

1485. *Asplenium auritum* Swartz.
Tree stump; rocky wooded slope.

1486. *Dennstedtia rubiginosa* (Kaulf.) Moore.
Cleared slope among bushes.

1488. *Pteridium* sp.
Roadside clearing, among bushes.

1489. *Pteris grandifolia* L.
Roadside clearing, among bushes.

Near Ipswich, St. Elizabeth; altitude 200-300 meters, April 1, 1920.

1495. *Blechnum occidentale* L.
Moist shady slope.

1508. *Selaginella lasiophylla* A. Br.
Shaded earth bank.

1510. *Dryopteris normalis* C. Chr.
Roadside bank.

1511. *Dryopteris reptans* (Gmel.) C. Chr.
Roadside bank.

1513. *Tectaria martinicensis* (Spreng.) Copel.
Cleared land by roadside.

* 1520. *Polystichum killipii* Maxon, sp. nov.
Rocky bank by roadside, in partial shade.

Near Mocho, above Catacupa; altitude about 750 meters,

April 3, 1920.

1526. *Dryopteris patens* (Swartz) Kuntze.
Rocky bank, partially shaded.

1531. *Lycopodium cernuum* L.
Brushy bank.

1533. *Dryopteris sprengelii* (Kaulf.) Kuntze.
Brushy bank.

1538. *Odontosoria fumarioides* (Swartz) J. Sm.
Brushy bank.

1542. *Dryopteris reticulata* (L.) Urban.
Brushy bank.

1545. *Nephrolepis biserrata* (Swartz) Schott.
Brushy bank.

1547. *Nephrolepis exaltata* (L.) Schott.
Brushy bank.

1550. *Hemitelia horrida* (L.) R. Br.
Brushy bank.

83.

1651. *Polypodium pectinatum* L.?
Limestone cliff, in clefts.
1554. *Polypodium aureum* L.
Tree by roadside.
1556. *Polystichum harrisi* Maxon.
Clefts of limestone cliff, in partial shade.
1558. *Asplenium jamaicense* Jenman.
Shaded clefts of limestone cliffs.
1559. *Asplenium erosum* L.
With no. 1558.

Vicinity of Montego Bay, March 28-30, 1920.

1641. *Adiantum melanoleucum* Willd.
Limestone caves.
1653. *Anemia adiantifolia* (L.) Swartz.
Rocky banks.
1654. *Adiantum fragile* Swartz.
Rocky banks.
1658. *Polypodium plumula* H. & B. var.
Rocky banks.

Orange River valley, near Montego Bay, March 29 and 30, 1920.

1670. *Adiantum tenerum* Swartz.
In woods.
* 1672. *Adiantum melanoleucum* Willd.
In woods.

1677. *Dryopteris normalis* C. Chr.

Along road.

Stonehenge Siding (between Ipswich and Catawba), March 29, 1920

1699. *Polystichum triangulum* (L.) Fée.

Vicinity of Cinchona; altitude 1,500 meters, March 5, 1920.

1709. *Dryopteris heterolepta* (Desv.) C. Chr.

Shaded bank.

Below New Haven Gap; altitude 1,500-1,600 meters, March 10, 1920.

1710. *Polypodium brunneo-viride* Baker.

Summit of Blue Mountain Peak; altitude 2,225 meters, March 16, 1920.

1711. *Dicranopteris jamaicensis* Underw.

Vicinity of Portland Gap; altitude about 1,650 meters, March 16, 1920.

1712. *Cyathea pubescens* Mett.

Moist shaded bank.

Trail from Morces Gap to Vinegar Hill; altitude 1,175-1,500 meters,
March 24, 1920.

1713. *Hymenophyllum axillare* Swartz.

1714. *Polypodium cultratum* Willd.

On rocks of steep bank.

Vicinity of Cinchona; altitude 1,500 meters, March 24, 1920.

1715. *Dryopteris nockiana* (Jenman), n. var.

Partial shade, by trail.

Near Ipswich, St. Elizabeth; altitude 200-300 meters, April 1, 1920

1716. *Selaginella heterodonta* (Desv.) Hieron.

Shaded earth bank.

Mason's Kilip - Plants of Jamaica

Seamen's Valley, Portland; altitude 150-250 meters,

February 14, 1920.

✓ 2. *Epidendrum fragrans* Sw.

On tree trunk, at roadside.

✓ 10. *Peperomia serpens* Loudon.

On rocky bank, along road.

21. *Oxalis martiana* Zucc.

Moist, shaded bank.

✓ 31. *Nepsera aquatica* Naud.

Moist, rocky bank.

✓ 47. *Piper geniculatum macrophyllum* (Sw.).

Shrub, 2-3 meters high.

Edge of stream.

✓ 54. *Phyllanthus urinaria* L.

Clay bank by roadside.

54a. *Clidemia hirta*. D. Don.

Roadside.

✓ 56. *Tontanea herbacea* (Lam.) Standl.

Clay bank by roadside.

Fruit deep blue.

✓ 57. *Ilysanthes microcalyx* Pennell.

In ditch, along roadside.

✓ 58. *Paspalum decumbens* Sw.

Clay bank by roadside.

✓ 59. *Pilea parietaria* Blume.

Clay bank by roadside.

✓ 60. *Emilia sonchifolia* DC.

Clay bank by roadside.

✓ 61. *Hyptis capitata* Jacq.
Clay bank by roadside.

✓ 62. *Cranichis muscosa* Swartz.
Flowers white.
Clay bank by roadside.

✓ 62a - - - ?
63. *Salvia occidentalis* Swartz.
Flowers blue.
Clay bank by roadside.

✓ 64. *Habenaria monorrhiza* Reichb. f.
Flowers white.
Clay bank by roadside.

✓ 66. *Vernonia acuminata* Less.
Shrub, 2 meters high, diffusely branched.
Clay bank by roadside.

✓ 67. *Besleria lutea* L.
Shrub, 2-3 meters high.
Clay bank by roadside.

✓ 68. *Iresine celosia* L.
Clay bank by roadside.

✓ 69. *Cyathula prostrata* Blume.
Clay bank by roadside.

✓ 70. *Jussiaea suffruticosa* L.
Clay bank by roadside.

✓ 71. *Jussiaea peruviana* L.
Clay bank by roadside.

✓ 72. *Anisomeles indica* (L.) Kuntze.
Flowers blue and white.
Clay bank by roadside.

✓ 74. *Pilea grandifolia* (L.) Blume.
Edge of woods.

✓ 75. *Piper aduncum* L.
Shrub, 3-3.5 cm. high.
Clearing, along stream.

✓ 79. *Ichnanthus pallens* Doell.
Dense woods, along stream.

✓ 81. *Columnea hirsuta* Swartz.
On tree, 3 meters above ground, dense, wet forest.

✓ 82. *Blechum laxiflorum* Juss.
On rocks in stream bottom in dense forest.

✓

83. *Ecastophyllum berterii* DC.
Suffrutescent vine climbing on tree.
Dense forest.

85. *Piper*
Shrub, 2-3 meters high; leaves sublustrous.
Dense woods, at foot of falls.

✓

86. *Peperomia distachya* (L.) A. Dietr.
On tree trunks, 4-5 meters above ground.
Dense forest.

✓

89. *Pilea microphylla* Liebm.
On wet rocks in stream bottom.

- - - - -
Vicinity of Windsor, Portland; altitude 150-175 meters,
February 15-19, 1920.

✓

91. *Ipomoea tiliacea* (Willd.) Choisy.
Clay bank.

✓

92. *Peperomia pellucida* Kunth.
Climbing over rocks.

✓

93. *Heteranthera reniformis* R. & P.
In stagnant pools along roadside.

✓

95. *Eleocharis geniculata* (L.) R. & S.
In stagnant pools along roadside.

✓

96. *Sauvegesia brownii* Planch.
Flowers white.
Clay banks.

✓

97. *Chaptalia nutans* (L.) Polak.
Clay banks.

✓

98. *Cyperus diffusus* L.
Clay banks.

✓

99. *Rhipsalis cassytha* Gaertn.
Depending from trees, along trail.

- - - - -
Foothills of the John Crow Mountains, east of Seamen's
Valley, Portland; altitude 200-425 meters, February 15, 1920.

✓

101. *Casearia serrata* Macf.
Shrub, about 3 meters high; cream white flowers; upper
surface of leaves very glossy.
Dry hillside.

102. *Allamanda catharica* L.
Tree, about 8 meters high; leaves very glossy; flowers
canary-yellow.
Roadside.

103. *Polygala paniculata* L.
Flowers pink and white.
Clay bank.

104. *Heterotrichum patens* (Sw.) DC.
Flowers white.
Clay bank, edge of woods.

106. *Cajan cajan* (L.) Michx.
Shrub, 3-3.5 meters high; flowers yellow, the outer sur-
face of standard varnished crimson.
Dry hillside.

107. *Mikania micrantha* H. B. K.
Climbing over shrubs, on hillsides.

108. *Peperomia pellucida* (L.) Kunth.
Clay soil.

109. *Cordia nitida* Vahl.
Shrub, 3-4 meters high; flowers white; fruit subglobose.
Dry hillside.

110. *Eupatorium microstemon* Cass.
Dry hillside.

111. *Dioscorea polygonoides* H. & B.
Climbing over shrubs at edge of forest.

112. *Miconia laevigata* DC.
Shrub, about 2.5 meters high.
Edge of woods.

113. *Begonia minor* Jacq.
Suffrutescent; 1-1.5 meters high.
- - - Used as medicine for colds by natives. - - - - -
Vicinity of Mill Bank, Portland; altitude 200-300 meters,
February 16 and 17, 1920.
(Sw.)

115. *Peperomia amplexicaulis* A. Dietr.
On tree. ^

117. *Begonia glabra* Aubl.
Two and one-half meters long.
Climbing over rocks along trail.

118. *Piper scabrum* Swartz.
Shrub, 2.5-3 meters high.
Along trail.

✓ 119. *Piper geniculatum macrophyllum* (Sw.)
Shrub, about 3 meters high.
Along trail.

✓ 121. *Blakea trinervia* L.
Tree, about 8 meters high; flowers pink, waxy.

✓ 123. *Peperomia rotundifolia* (L.) H. B. K.
On tree, deep woods.

✓ 124. *Epidendrum polybulbon* Swartz.
Along branch of tree in clearing.

✓ 126. *Pilea silvicola* Fawc. & Rendle.
Muddy bank of stream.

127. *Peperomia rotundifolia* (L.) H. B. K.
Along branches of trees.

✓ 128. *Mecranium virgatum* (Sw.) Triana.
Shrub, about 3 meters high; flowers white.

✓ 129. *Chamissoa altissima* H. B. K.
Suffrutescent vine climbing over shrubs.
"Wild oak."

✓ 130. *Begonia glabra* Aubl.
Shrub, about 1 meter high.

✓ 131. *Pilea parietaria* Blume.
On rocks in river course.

✓ 132. *Peperomia cintenisi* C. DC.?
On rocks in river course.

✓ 133. *Columnea hirsuta* Swartz.
On trees, about 2 meters above ground.
Deep woods.

✓ 136. *Oldenlandia herbacea* (L.) DC.
On exposed rocks in river course.

✓ 137. *Axonopus compressus* (Sw.) Beauv.
On exposed rocks in river course.

✓ 138. *Paspalum conjugatum* Berg.
On exposed rocks in river course.

✓ 143. *Oplismenus hirtellus* R. & S.
On exposed rocks in river course.

Cuna Cuna trail, above Mattis River, St. Thomas; altitude
300-500 meters. February 16, 1920.

✓ 156. *Ichnanthus pallens* Munro.
On clay bank along trail.

✓ 183. *Peperomia glabella* (Sw.) A. Dietr.
On rocky banks, along trail.

✓ 184. *Rynchospora setacea* (Berg.) Boeckl.
On rocky banks, along trail.

✓ 185. *Panicum glutinosum* Swartz.
On rocky banks, along trail.

✓ 186. *Lobelia acuminata* Swartz.
Edge of dense Woods.

189. *Passiflora sexflora* Juss.
Climbing over shrubs along trail.

✓ 190. *Paspalum decumbens* Swartz.
Clay banks.

✓ 192. *Oplismenus hirtellus* R. & S.
Rocky banks.

✓ 194. *Liabum umbellatum* (L.) Sch. Bip.
Edge of forest, along trail.

Vicinity of Mill Bank, Portland; altitude 200-300 meters,
February 16 and 17, 1920.

✓ 195. *Pitcairnea angustifolia* (Sw.) Redouté.
On rocks in stream bed.

✓ 196. *Panicum pilosum* Swartz.
On exposed clay banks.

✓ 197. *Clibadium terebinthaceum* (Sw.) DC.
Shrub, about 4 meters high in deep woods.

✓ 198. *Ocimum micranthum* Willd.
Edge of woods.

✓ 199. *Flemingia strobilifera* (L.) R. Br.
Shrub, 2-3 meters high, edge of woods.

✓ 200. *Epidendrum nocturnum* Jacq.
On tree trunk in open woods.

✓ 201. *Isostoma longiflora* (L.) Presl.
Clay banks along trail.

Foothills of the John Crow Mountains, east of Seamen's
Valley, Portland; altitude 200-425 meters, February 18, 1920.

✓ 215. *Heterotrichum patens* (sw.) DC.
Exposed clay banks.

✓ 216. *Pilea grandifolia* (L.) Blume.
Wet ravine.

✓ 222. *Pavonia nemoralis* St. Hil.
Edge of dense forest.

✓ 223. *Blechum blechum* (L.) Millsp.
Clay banks.

✓ 224. *Pilea silvicola* Fawc. & Rendle.
Wet ravine, on rocks.

✓ 236. *Erythrodes hirtella* (Sw.) Fawc. & Rendle.
Dense forest.

✓ 240. *Chaptalia nutans* (L.) Hemsl.
Exposed clay banks.

✓ 242. *Peperomia distachya* A. Dietr.
On rocks, wet caves.

✓ 251. *Pilea harrisii* Urban.
On rocks in bed of small stream.

✓ 253. *Adelobotrys adscendens* (Sw.) Triana.
Dense forest.

✓ 254 - - - ?
255. *Peperomia amplexicaulis* (Sw.) A. Dietr.
On trees, dense forest.

✓ 256. *Peperomia amplexicaulis* (Sw.) A. Dietr.
On rocks along trail.

✓ 257. *Wedelia trilobata* (L.) Hitchc.
Clay banks along roadside.

✓ 258. *Dioscorea multiflora* Presl.
Climbing over trees and shrubs on hillside.

✓ 261. *Polystachya minor* Fawc. & Rendle.
On tree about 1 meter above ground; open places along
trail.

✓ 262. *Andropogon bicornis* L.
Plants 1.5 meters high.
Abandoned banana planting.

Vicinity of Windsor, Portland; altitude 150-175 meters,
February 15-19, 1920.

✓ 263. *Oxalis martiana* Zucc.
Clay soil, banana plantation.

✓ 264. *Phyllanthus urinaria* L.
Clay soil, banana plantation.

✓ 265. *Potamogeton foliosus* Laf.
In running water, Rio Grande.

✓ 266. *Eleocharis capitata* R. Br.
Exposed muddy banks of Rio Grande.

✓ 267. *Persicaria portoricensis* (Presl) Small.
Stems decumbent, rooting at nodes.
In water; shore of Rio Grande.

✓ 268. *Paspalum paniculatum* L.
Gravelly shores of Rio Grande.

✓ 269. *Eriochloa punctata* (L.) W. Hamilt.
Gravelly shores of Rio Grande.

✓ 270. *Borreria verticillata* (L.) Mey.
Gravelly shores of Ric Grande.

✓ 271. *Pachystachys coccinea* (Aubl.) Nees.
Flowers red.
Edge of clearing.

✓ 272. *Acalypha elliptica* Swartz.
Shrub about 4 meters high.
Edge of clearing.

✓ 273. *Celosia argentea* L.
Dry rocky river bottoms.

✓ 274. *Ipomoea catharica* Poir.
Clearings along river.

✓ 276. *Solanum torvum* Swartz.
White flowers.
Clearings along stream.

✓ 277. *Caesalpinia sepiaria* Roxb.
Shrub, 5-8 meters high.
Clearings along stream.

✓ 280. *Celosia argentea* L.
Purple flower.
Gravelly river bottoms.

✓ 281. *Spilanthes uliginosa* Swartz.
Clay banks.

Vicinity of Port Antonio; sea level,
February 20, 1920.

282. *Borreria arborea* (L.) DC.
On rocky shore of ocean.

✓ 283. *Cretia linearis dilatatus* Urban.
On rocky shore of ocean.

✓ 284. *Lippia nodiflora* (L.) Michx.
Rocky shore of ocean.

✓ 285. *Spilanthes urens* Jacq.
Rocky shore of ocean.

✓ 286. *Chamaesyce buxifolia* (Lam.) Small.
Rocky shore of ocean.

✓ 287. *Chamaesyce buxifolia* (Lam.) Small.
Rocky shore of ocean.

288. *Andropogon glomeratum* (Walt.) B. S. P.
Roadside.

✓ 289. *Panicum maximum* Jacq.
Roadside.

✓ 290. *Cyperus ligularis* L.
Coconut grove along beach.

✓ 291. *Sporobolus berteroanus* (Trin.) Hitchc.
Coco nut grove along beach.

✓ 292. *Paspalum fimbriatum* Kunth.
Roadside.

✓ 293. *Fimbristylis ferruginea* (L.) Vahl.
Roadside.

✓ 294. *Eleusine indica* (L.) Gaertn.
Roadside.

✓ 295. *Fimbristylis spathacea* Reth.
Coconut grove along strand.

✓ 296. *Amaranthus dubius* Mart.
Roadside.

✓ 297. *Morinda royoc* L.
Roadside.

✓ 298. *Chloris radiata* Swartz.
Roadside.

✓ 299. *Vernonia cinerea* Less.
Roadside.

Between Kingston and Gregory Park, along the railroad; sea level,
February 22, 1920.

✓ 301. *Clitoria ternatea* L.

302. *Ruellia tuberosa* L.

✓ 303. *Anthephora hermaphorodita*. (L.) Kuntze.

✓ 304. *Cenchrus echinatus* L.

✓ 305. *Jatropha gossypiifolia* L.

✓ 306. *Chamaecrista pilosa* (L.) Greene.

✓ 307. *Leucaena glauca* (L.) Benth.
Shrub, 3-4 meters high.

✓ 308. *Moluchia tomentosa* (L.) Britton.
Flower deep pink.

✓ 309. *Waltheria americana* L.
Flower yellow.

✓ 310. *Chaetochloa setosa* (Sw.) Scribn.

✓ 311. *Indigofera tinctoria* L.
Flowers blue.

✓ 312. *Pithecellobium* sp.
Tree, 6-8 meters high; coastal thickets.

313. *Priva lappulacea* (L.) Pers.

314. *Bouchea prismatica* (L.) Kuntze.

✓ 315. *Andrographis paniculata* Nees.

✓ 316. *Heliotropium parviflorum* L.
Flowers white.

✓ 317. *Dolicholus minimus* (L.) Medic.
Climbing over low shrubs.

✓ 318. *Crotalaria verrucosa* L.
Flowers blue.

✓ 319. *Crotalaria retusa* L.
Flower yellow.

✓ 320. *Boerhaavia erecta* L.

Vicinity of Hunts Bay,
February 22, 1920.

✓ 321. *Rhabdadenia paludosa* Muell. Arg.
Vine climbing over *Acrostichum aureum* at edge of man-
grove swamp; flower pale pink.

✓ 322. *Stemodia maritima* L.
Succulent; flower lavender.
In mud.

✓ 323. *Cyperus laevigatus* L.
In mud.

✓ 324. *Malache scabra* Vogel.
Shrub, about 2 meters high; flower pale yellow.

✓ 325. *Potamogeton occidentalis* Sisber.
In sluggish water; Rio Cobre.

✓ 326. *Thespesia populnea* Soland.
Mangrove swamp.

✓ 327. *Avicennia nitida* Jacq.
Mangrove swamp.

✓ 328. *Acacia farnesiana* (L.) Willd.
Coastal thickets.

✓ 329. *Sesuvium portulacastrum* L.
Sandy flats, along shore.

✓ 330. *Bramia monnieria* (L.) Drake.
Sandy flats, along shore.

✓ 331. *Heliotropium curassavicum* L.
Flowers white; leaves succulent.
Sandy flats along shore.

✓ 332. *Ipomoea pes-caprae* (L.) Roth.
Sandy flats along shore.

Between Kingston and Gregory Park, along the railroad; sea level,
February 22, 1920.

✓ 335. *Harrisia gracilis* (Mill.) Britton.
Two to three meters high.

✓ 336. *Lemaireocereus hystrix* (Haworth) Brit. & Rose.
Two to four meters high.

Vicinity of Kingston, February 22-24, 1920.

✓ 337. *Ghiaiacum officinale* L.
Hotel grounds.

✓ 338. *Passiflora suberosa* L.
Climbing on fence in yard of hotel.

✓ 339. *Achyranthes halimifolia* Lam.
Hotel grounds.

Vicinity of Bwarton; altitude 200-300 meters,
February 23-29, 1920.

✓ 340. *Tillandsia tenuifolia* L.
On trees, along roadside.

✓ 341. *Haematoxylon campechianum* L.
Roadside.
-- "Logwood." --

Along trail from Luidas Vale to Moneague; altitude 300-500
meters, February 24, 1920.

✓ 344. *Crepis japonica* (L.) Benth.
Edge of woods.

✓ 345. *Mikania micrantha* H. B. K.
Climbing over shrubs, edge of woods.

✓ 346. *Rhytidophyllum tementosum* (L.) Mart.
About 1 meter high; viscid. Edge of woods.

✓ 347. *Niconia laevigata* DC.
Shrub, 1-2 meters high. Edge of woods.

✓ 348. *Nectandra antillana* Meissn.
Tree, 5-6 meters high; leaves glossy above.
Edge of woods.

✓ 349. *Teucrium inflatum* Swartz.
Along trail.

✓ 350. *Leonurus sibiricus* L.
Along trail.

✓ 351. *Peperomia glabella* (Sw.) A. Dietr.
Climbing over stone walls.

✓ 352. *Rubus jamaicensis* L.
Brushy rocky hillsides.

✓ 354. *Verbesina alata* L.
Brushy rocky hillsides.

355. *Ponthieva glandulosa* R. Br.
Brushy rocky hillsides.

356. *Ponthieva ventricosa* (Griseb.) Fawc. & Rendle.
Brushy rocky hillsides.

✓ 359. *Boconia frutescens* L.
Shrub or small tree, 2-4 meters high; open woods.

✓ 360. *Epidendrum cochleatum* L.
On tree in open woods.

362. *Piper jamaicense* C. DC.
Brushy, rocky hillsides.

✓ 363. *Sida pyramidica* Despantes.
Brushy, rocky hillsides.

✓ 364. *Thunbergia alata* Bojer.
Trailing. Brushy, rocky hillsides.

✓ 365. *Hormidium tripterum* Cogn.
On tree at edge of forest.

✓ 366. *Begonia glabra* Aubl.
Rocky hillsides.

✓ 367. *Chaetochloa barbata* (Lam.) Hitchc. & Chase.
Rocky hillsides.

368. *Dolichos lablab* L.

Vicinity of Ewarton; altitude 200-300 meters,
February 23-29, 1920.

✓ 377. *Pavonia spinifex* (L.) Cav.
Clay banks, along roadside.

✓ 378. *Chamissoa altissima* H. B. K.
Suffrutescent vine, climbing over shrubs on hillside.

✓ 379. *Cassia ligustrina* L.
Flower yellow.
Clay banks along roadside.

✓ 380. *Cassia bicapsularis* L.
Shrub, 2 meters high.
Clay banks along roadside.

✓ 381. *Eupatorium villosum* Swartz.
Clay banks along roadside.

✓ 382. *Momordica charantia* L.
Trailing on ground; clay banks along roadside.

✓ 383. *Bidens reptans* (L.) D. Don.
Clay banks along roadside.

✓ 384. *Bradburya virginiana* (L.) Kuntze.
Clay banks along roadside.

✓ 385. *Pilea trianthemoides* (Sw.) Lindl.
Brushy hillside.

✓ 386. *Ipomoea quinquefolia* L.
Brushy hillside.

✓ 389. *Passiflora suberosa* L.
Climbing over shrubs.

✓ 390. *Passiflora rubra* L.
Climbing over shrubs by roadside.

✓ 391. *Pisonia aculeata* L.
Shrub, 2-2.5 meters high.

✓ 392. *Hylocereus triangularis* (L.) Brit. & Rose.
Climbing among rocks on wooded hillside.

✓ 393. *Nopalea cochenillifera* (L.) Salm.-Dyck.
Along roadsides; young plants.

Upper slopes of Mount Diabolo; altitude 500-800 meters,
February 25-28, 1920.

✓ 394. *Echites echites* (L.) Britton.
Vine; flowers yellow.

✓ 395. *Piper jamaicense* (Griseb.) C. DC.
Wooded hillside.

✓ 397. *Ponthieva glandulosa* R. Br.
Wooded hillside.

✓ 399. *Senecio discolor* (Sw.) DC.
Exposed hillsides.

Near Gordon Town; altitude about 300 meters,
February 25, 1920.

✓ 404. *Micromeria viminea* L.
Partially shaded dry banks.

✓
405. *Lantana crocea* Jacq.
Flowers yellow.
Partially shaded dry banks.

✓
406. *Bryas ebeneus* DC.
Shrub, 1-3 meters high.

✓
407. *Momordica charantia* L.
Partially shaded dry banks.

Upper slopes of Mount Diabolo; altitude 500-600 meters,
February 25-28, 1920.

✓
413. *Isocilus linearis* (L.) R. Br.
On tree trunk, edge of woods.

✓
414. *Pilea grandifolia* Blume.
Flowers brick-red.
Edge of woods.

✓
415. *Piper jamaicense* (Griseb.) C. DC.
Exposed hillsides.

✓
416. *Pavonia nemoralis* St. Hil.
Exposed hillsides.

✓
417. *Neuroleena lobata* (L.) R. Br.
1.5 meters high.

419. *Passiflora sexflora* Juss.
Climbing over shrubs, thickets.

✓
420. *Asclepias nivea* L.
Along open trail.

✓
423. *Melochia nodiflora* Swartz.
Dry hillside.

✓
424. *Selenicereus grandiflorus* (L.) Brit. & Rose.
Exposed brushy banks.

✓
427. *Pontheva ventricosa* (Griseb.) Fawc. & Rendle.
Edge of woods.

✓
428. *Urena lobata* L.
Open places along trail.

✓
429. *Columnea hirsuta* Swartz.
On trees, dense forest.

✓
430. *Phaius tancarvilleae* (Banks) Blume.
Dense forest.

✓ 431. *Ageratum conoyzoides* L.
Flowers blue.
Open places along trail.

✓ 434. *Vernonia acuminata* Less.
Dry banks along road.

✓ 435. *Habenaria monorrhiza* Reichb. f.
Wet meadow.

✓ 436. *Pluckea odorata* (L.) Cass.
Flowers pink.
Dry hillsides.

✓ 438. *Begonia obliqua* L.
Dense forest.

✓ 440. *Begonia glabra* Aubl.
Dense forest.

✓ 443. *Panicum glutinosum* Swartz.

✓ 453. *Hyptis capitata* Jacq.
Moist wood-edge.

✓ 458. *Ichnanthus pallens* Doell.
Deep forest.

✓ 459. *Paspalum simpsoni* Nash.
Deep forest.

✓ 461. *Anneslia portoricensis* (Jacq.) Britton.
Dry hillsides.

✓ 464. *Pilea virgata* Wedd.
Deep forest.

✓ 465. *Triumfetta semitriloba* Jacq.
Clearings in dense forest.

✓ 470. *Pavonia nemoralis* St. Hil.
Edge of forest.

✓ 471. *Galinsoga parviflora* Cav.
Moist trail.

✓ 472. *Bidens pilosa* L.
Moist trail.

✓ 473. *Lasiacis divaricata* (L.) Hitchc.
Twining over stump, edge of forest.

(Tr. & Pl.)

✓ 474. *Marcgravia brownii* Krug. & Urb.
On trees, dense forest.

✓ 476. *Peperomia glabella* A. Dietr.
On trees, dense forest.

✓ 482. *Psychotria uliginosa*. Swartz.
Shrub, 0.5 meters high; dense, wet forest.

✓ 485. *Scutellaria ventenatii* Hook.
Dry hillsides.

✓ 489. *Panicum pilosum* Swartz.
Shaded rocky banks.

✓ 493. *Lobelia fawcettii* Urban.
Dense forest.

✓ 494. *Passiflora sexflora* Juss.
Trailing on dry, shrubby hillside.

✓ 495. *Epidendrum fragrans* Swartz.
On trees, edge of woods.

✓ 496. *Polygala paniculata* L.
Dry hillsides.

✓ 497. *Elettia purpurea* DC.
Edge of woods.

✓ 503. *Solanum aculeatissimum* Jacq.
Open hillsides.

✓ 504. *Paspalum caespitosum* Flügge.
Brushy banks.

✓ 505. *Sonchus oleraceus* L.
Brushy banks.

✓ 506. *Salmea scandens* (L.) DC.
Brushy banks.

✓ 508. *Sida rhombifolia* L.
Deep woods.

✓ 509. *Syntherisma sanguinalis* (L.) Dulac.
Dry hillsides.

✓ 510. *Ipomoea catharica* Poir.
Along trail.

✓ 511. *Tontanea herbacea* (Lam.) Standl.
Prostrate; brushy rocky banks.

✓ 512. *Prescottia oligantha* Lindl.
Brushy rocky banks.

✓ 513. *Valerianodes jamaicensis* (L.) Medic.
Brushy rocky banks.

✓ 514. *Lisanthus longifolius* L.
Brushy rocky banks.

517. *Comparettia falcata* Poepp. & Endl.
Dense wet forest; on tops of trees.

✓ 518. *Erythrodes plantaginea* (L.) Fawc. & Rendle.
Dense wet forest.

✓ 520. *Psychotria asiatica* L.
Dense forest.

✓ 521. *Spiranthes elata* L. C. Rich.
Dense forest.

✓ 524. *Miconia laevigata* (L.) DC.
Wet rocky woods.

✓ 529. *Peperomia distachya* (L.) A. Dietr.
On fallen logs, wet forest.

✓ 530. *Pilea grandifolia* (L.) Blume.
Dense forest.

✓ 531. *Hyptis pectinata* (L.) Poit.
Clearings.

✓ 532. *Cissampelos pareira* L.
Climbing over shrubs.

✓ 533. *Dioscorea polygonoides* H. & B.
Climbing over shrubs in thickets.

Lower eastern slopes of Mount Diabolo;
altitude about 350 meters, February 29, 1920.

✓ 535. *Catopsis nutans* (Sw.) Griseb.
Dense forest, on tops of fallen tree.

535a. *Polystachya minor* Fawc. & Rendle.
On tree, in clearings.

✓ 541. *Pilea lucida* (Sw.) Blume.
Dense forest, among rocks.

555. *Peperomia amplexicaulis* (Sw.) A. Dietr.
Banks in dense forest.

Vicinity of Ewarton; altitude 200-300 meters, February 23-29, 1920.

✓ 556. *Ipomoea polyanthes* R. & S.
Flowers yellow.
Along roadside.

✓ 559. *Scybalium jamaicense* (Sw.) Schott & Endl.
Parasitic.
Dense forest.

Vicinity of Cinchona; altitude 1,500 meters, March 3, 1920.

✓ 561. *Eupatorium riparium* Regel.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,
March 4, 1920.

✓ 564. *Vernonia permollis* Gleason.
Straggling shrub; pink-lavender flowers.
Open brushy slope.

✓ 563. *Carex cladostachya* Wahl.
Open brushy slope.

✓ 565. *Cracca grandiflora* (Vahl) Kuntze.
Open brushy slope.

✓ 566. *Eupatorium glandulosum* H. B. K.
Open brushy slope.

✓ 567. *Iresine celosia* L.
Open brushy slope.

✓ 568. *Begonia obliqua* L.
Open brushy slope.

✓ 569. *Verbena bonariensis* L.
Dry fields.

✓ 570. *Geranium carolinianum* L.
Open woods.

✓ 571. *Fuchsia corymbiflora* R. & P.
Shrub, 1.5 to 3 meters high.
Dense forest.

✓ 572. *Rhizospora eggarsiana* Boehl.
Open brushy slopes.

✓ 573. *Stachys arvensis* L.
Open brushy slopes.

✓ 574. *Maurandia erubescens* (D. Don) A. Gray.
Pink Flowers.
Open brushy slopes.

✓ 575. *Gnaphalium spicatum* Lam.
Open woods.

✓ 577. *Sida rhombifolia* L.
Suffrutescent.
Dense woods.

✓ 578. *Phenax hirtus* (Sw.) Wedd.
Dense thickets along river.

✓ 580. *Pastinaca sativa* L.
Open brushy slopes.

✓ 581. *Dodonaea jamaicensis* DC.
Open brushy slopes.

✓ 582. *Arenaria lanuginosa* (Michx.) Rohrb.
Open brushy slope.

✓ 584. *Cyperus mutisii* Griseb.
Open brushy slopes.

✓ 586. *Chaetochloa palmifolia* (Willd.) Hitchc. & Chase.
Damp wooded slope.

✓ 587. *Pilea weddellii* Fawc. & Rendle.
Shrub, 2-3 meters high.
Damp wooded slope.

✓ 589. *Arthraxon quartianus* (Rich.) Nash.
Damp wooded slope.

✓ 590. *Centaurium centaurium* (L.) W. F. Wight.
Along trail.

591. *Columnea hirsuta* Swartz.
Rocky wooded banks.

592. *Antirrhinum orontium* L.
Pale blue flowers.
Open trail.

✓ 593. *Psychotria corymbosa* Swartz.
Slender shrub, 6 meters high.
Damp wooded slope.

✓ 594. *Panicum acuminatum* Swartz.
Open brushy slope.

✓ 595. *Panicum glutinosum* Swartz.

✓ 596. *Vaccinium meridionale* Swartz.
Shrub, 2-4 meters high.
Damp wooded slope.

✓ 607. *Anthoxanthum odoratum* L.
Damp wooded slope.

✓ 614. *Isachne rigens* Trin.
Trailing on rocky bank.

✓ 622. *Dendrophthora cupressoides* (Macf.) Eichl.
Rocky bank.

✓ 623. *Palicourea alpina* (Sw.) DC.
Shrub, 3-5 meters high.
Densely wooded bank.

Near St. Helen's Gap; altitude 1,450 meters,
March 5, 1920.

✓ 648. *Peperomia stellata* (Sw.) A. Dietr.
Shaded rocky bank.

Trail from Morces Gap to Vinegar Hill;
altitude 1,175-1,500 meters, March 21, 1920.

677 - - - ?
678. *Marcgravia brownei* (Tr. & Pl.) Krug & Urb.
Climbing up tree trunks, dense forest.

✓ 679. *Vernonia acuminata* Less.
Edge of woods.

✓ 681. *Phoradendron flavens* (Sw.) Griseb.
Dense forest. (On Meriana leucantha Sw.)

✓ 683. *Gymnanthes elliptica* Swartz.
Dense forest.

✓ 684. *Cardamine hirsuta* L.
Rocky banks.

✓ 685. *Dendrophthora opuntioides* (L.) Eichl.
Deep forest.

✓ 689. *Clidemia hirta* D. Don.
Shrub, 1-2 meters high.
Dense forest.

✓ 690. *Acalypha virgata* L.
Dense forest.

✓ 691. *Ornithidium vestitum* Reichb.f.

✓ 691a. *Stelis ophioglossoides* Swartz.

✓ 694. *Columnea hirsuta* Swartz.
On trees, dense forest.

✓ 695. *Sciadophyllum brownnei* Spreng.
In wet dense forest.

✓ 696. *Evea elata* (Sw.) Standl.
Shrub, 1-3 meters high.
In wet dense forest.

✓ 697. *Hedyosmum arborescens* Swartz.
Shrub.
In wet dense forest.

✓ 698. *Pleurothallis uncinata* Fawc.
In wet dense forest.

✓ 708. *Lepanthes obtusa* Fawc. & Rendle.
On trees, dense forest.

✓ 714. *Batesioides* sp.
Dense forest.

✓ 715. *Anthurium scandens* (Aubl.) Engl.
Dense forest.

✓ 719. *Pilea weddellii* Fawc. & Rendle.
Dense forest, along trail.

✓ 720. *Peperomia filiformis* A. Dietr.
On logs, wet ravines in dense forest.

✓ 721. *Pilea herniaroides* (Sw.) Lindl.
On clay banks, dense forest.

✓ 733. *Marcgravia brownnei* (Tr. & Pl.) Krug & Urban.
Climbing on tree trunks, dense forest.

✓ 741. *Peperomia hernandiifolia* (Vahl) A. Dietr.

✓ 745. *Isachne arundinacea* (Swartz) Griseb.
Brushy rocky slopes.

✓ 746. *Meriania leucantha* Swartz.
Tree, 5-6 meters high; flowers white.
Dense forest.
"Alligator tree."

Vicinity of Thomsons Gap, Portland;
altitude about 1,000 meters, March 5 and 6, 1920.

✓ 747. *Aegiphila elata* Swartz.
Shrub, 3 meters high; flowers pale yellow.
Brushy hillside.

✓ 752. *Sabicea hirta* Swartz.
Thickets on dry hillside.

Valley of the Trafalgar River, near Jumbe Spring,
March 3, 1920.

✓ 783. *Lobelia acuminata* Swartz.
Suffrutescent, about 1 meter high.
Deep forest.

785. *Gesneria acaulis* L.
Rock crevices.

792 - - - ?
799. *Piper geniculatum macrophyllum* (Sw.).
Shrub, 3-5 meters high.
Dense wet forest.

806 - - - ?
812. *Psychotria uliginosa* Swartz.
Shrub, 1 meter high.
Dense wet forest.

815. *Philodendron ligulatum* (L.) Schott.
Dense wet forest.

816. *Polystachya minor* Fawc. & Rendle.
On tree trunks; dense wet forest.

825. *Clidemia erythropogon* DC.
Shrub, 1-2 meters high.
Dense wet forest.

826. *Miconia triplinervis* R. & P.
Shrub, 70-100 cm. high; berries red; thickets.

Near Vinegar Hill, Portland; altitude about 1,175 meters,
March 7, 1920.

✓ 830. *Astericoides laurifolium* Jacq.
Shrub, 3-4 meters high; flowers white.
Dense woods.

✓ 831. *Passiflora penduliflora* Bert.
Climbing over shrubs, edge of dense woods.

✓ 832. *Piper otophyllum* C. DC.
Dense forest.

✓ 835. *Dendrophthora gracilis* (Griseb.) Eichl.
On low shrub.

Vicinity of Cinchona; altitude 1,500 meters,
March 7, 1920.

✓ 838. *Pittosporum undulatum* Vent.
Tree, 5-15 meters high. Established.

Vicinity of St. Helens Gap, St. Andrew;
altitude 1,475 meters, March 8, 1920.

✓ 843. *Tracaulon chinense* (L.) Small.
Shrub, 2-3 meters high; flowers waxy white.
Shrubby hillsides.

✓ 844. *Micromeria viminea* L.
Shrub, 2-2.5 meters high; flowers small, pink.
Shrubby hillside.

✓ 845. *Rosa laevigata* Michx.
Low shrub.
Shrubby hillside.

Near headwaters of the Clyde River, below Cinchona,
March 8, 1920.

✓ 850. *Ilex macfadyenii* (Walp.)
Tree, 5-6 meters high; dense forest.

✓ 851. *Iresine celosia* L.
Vine, climbing over shrubs.
Dense forest.

✓ 857. *Peperomia stellata* (Sw.) A. Dietr.
Wet rocky ravine.

Vicinity of Cinchona; altitude 1,500 meters,
March 9, 1920.

✓ 870. *Aristea compressa* Buch.
Clay banks along trail.

✓ 871. *Ascyrum hypericoides* L.
Clay banks along trail.

✓ 872. *Relbunium hypocarpium* (L.) Hemsl.
Vine, climbing over shrubs; thickets.

✓ 873. *Myrica microcarpa* Benth.
Shrub, about 2 meters high.
Brushy slope.

✓ 874. *Moraea iridoides* L.
Clay soil, along trail.

✓ 883. *Lantana angustifolia* Mill.
Flowers pink.
Steep open slope.

Trail from St. Helens Gap to Latimer River;
altitude 1,400-1,475 meters, March 9, 1920.

✓ 892. *Chusquea abietifolia* Griseb.
Brushy slope.

✓ 897. *Ulex europeus* L.
About 2 meters high.
Brushy slope.

✓ 908. *Metastelma leptocladium* (Dcne.) Schlter.
Vine, climbing over shrubs; flowers small, yellow.
Brushy hillside.

✓ 910. *Lapsana communis* L.
About 1 meter high.
Brushy hillside.

✓ 912. *Lantana foetida* Rusby.
Shrub, about 1 meter high.
Brushy hillsides.

✓ 915. *Miconia theaezans* (Bonpl.) Cogn.
Shrub, about 2 meters high.
Brushy hillside.

✓ 916. *Epidendrum teretifolium* Swartz.
On shrubs; brushy hillside.

Vicinity of Cinchona; altitude 1,500 meters,
March 10, 1920.

✓ 917. *Panicum acuminatum* Swartz.
Exposed hillsides.

✓ 921 ____ ?
Below New Haven Gap; altitude 1,500-1,600 meters,
March 10, 1920.

✓ 925. *Dendrophthora cypresoides* (Macf.) Eichl.
Shrub, 3 meters high.
Brushy slope.

940. *Eulophia alta* (L.) Fawc. & Rendle.
Dense woods.

✓ 941. *Dichaea glauca* Lindl.
On stump of tree.

✓ 943. *Prescottia stachyodes* (Sw.) Lindl.
Very wet forest.

Vicinity of New Haven Gap; altitude about 1,675 meters,
March 10, 1920.

950. *Stelis micrantha* Swartz.
On tree trunk.

Below New Haven Gap; altitude 1,500-1,600 meters,
March 10, 1920.

✓ 963. *Peperomia galicoides* H. B. K.
Stems mostly flesh-colored.
On rocky bank, partial shade.

Trail from St. Helens Gap to Latimer River;
altitude 1,400-1,475 meters, March 11, 1920.

✓ 970. *Silene armeria* L.
Brushy hillside.

971. *Cionosicyos pomiformis* (Macf.) Griseb.
Vine, climbing over shrubs.
"Duppy pumpkin."

"Big Rock," below Cinchona, March 11, 1920.

✓ 973. *Ponthieva glandulosa* (Sims) R. Br.

✓ 974. *Dioscorea polygonoides* H. & B.
Vine, climbing over low shrubs.

✓ 976. *Gesneria exserta* Swartz.
Shrub; cream white flowers.

✓ 978. *Peperomia alata* R. & S.

Vicinity of Cinchona; altitude 1,500 meters, March 12, 1920.

✓ 979. *Fagelia pinnata* (L.) Kuntze.
Introduced about buildings.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters
March 12, 1920.

980. *Prescottia stachyodes* (Sw.) Lindl.
Flowers buff; rocky bank.

Wooded lower slopes of John Crow Peak;
altitude 1,500-1,650 meters, March 12, 1920.

✓ 1026. *Petesioides crassifolia* Mez.
Slender shrub, 2 meters high.
Dense forest.

Morces Gap and vicinity; altitude 1,500 meters,
March 12, 1920.

✓ 1029. *Cranichis diphylla* Swartz.
Rocky bank.

1032. *Peperomia reflexa* (L.) A. Dietr.
On trees, deep woods.

✓ 1033. *Guzmania sintenisii* (Baker) Mez.
On trees, deep woods.

Along the Green River, between Pleasant Hill and Green Valley,
below Cinchona, March 12, 1920.

✓ 1035. *Garrya fadyenii* Hook.

✓ 1036. *Eupatorium heteroclinum* Griseb.

✓ 1037. *Chaptalia pumila* (Sw.) Urban.
Clay banks.

✓ 1038. *Rhytidophyllum tomentosum* Mart.
Edge of wood.

✓ 1039. *Typha angustifolia* L.

✓ 1043. *Philibertia clausa* (Jacq.) Vail.
Vine, climbing over shrubs.

✓ 1046. *Cyperus alternifolius* L.

✓ 1047. *Psittacanthus claviceps* (Griseb.) Eichl.

✓ 1049. *Thevetia neriifolia* Juss.

✓ 1055. *Phoradendron wattii* Kr. & Urban.

1057. *Bletia florida* R. Br.
Along side of trail.

✓ 1058. *Phyllanthus angustifolius* Swartz.

✓ 1060. *Euphorbia*

Morces Gap and vicinity; altitude 1,500 meters,
March 12, 1920.

✓ 1064. *Chusquea abietifolia* Griseb.
✓ 1072. *Anthurium scandens* (Aubl.) Engl.
Edge of forest.
1072a - - - - -
1074. *Clethra occidentalis* (L.) Steud.
Shrub, 2-3 meters high; wooded hillside.
1075. *Peperomia tenella* Dietr.
Rocky bank.
✓ 1078. *Peperomia hispidula* A. Dietr.
Rocky bank.
✓ 1079. *Peperomia filiformis* A. Dietr.
Rocky bank.
✓ 1080. *Rynchospora elongata* Boeckl.
Rocky bank.
✓ 1084. *Pilea nigrescens* Urban.
Dense forest.
1085. *Prescottia oligantha* Lindl.
Rocky bank along trail.

Near Green River along trail from Cinchona to Abbey Green,
March 15, 1920.

✓ 1086. *Kyllinga pumila* Michx.
Gravelly shore of river.

Near Farm Hill above Cascade River on trail from Cinchona
to Abbey Green, March 15, 1920.

✓ 1087. *Dendrophthora gracilis* (Griseb.) Eichl.

✓ 1088. *Smilax balbisiana* Kunth.
On shrubs.

Vicinity of Portland Gap; altitude about 1,650 meters,
March 16, 1920.

✓ 1089. *Passiflora edulis* Sims.
Trailing on exposed hillside.

✓ 1090. *Dendrophthora opuntioides* (L.) Eichl.
On shrubs, edge of woods.

✓ 1091. *Phenax hirtus* Wedd.
Deep woods.

✓ 1092. *Peperomia septemnervis* R. & P.
On tree trunk.

1093. *Epidendrum serrulatum* Swartz.
On tree trunk.

Summit of Blue Mountain Peak; altitude 2,225 meters,
March 16, 1920.

1119. *Epidendrum serrulatum* Swartz.
On tree trunk among moss.

✓ 1120. *Rynchospora eggersiana* Boeckl.
Forming a large tussock.

✓ 1121. *Manettia lygistum* (L.) Swartz.
Wet hedge thickets.
--- Climbing 2 m. high, in wet hedge thickets' -----

Upper slopes of Blue Mountain Peak; altitude about 2,100
meters, March 16, 1920.

✓ 1122. *Chusquea abietifolia* Griseb.

✓ 1123. *Ilex ebbordata* Swartz.
Compact shrub, 2 meters high; deep woods.

Vicinity of Portland Gap; altitude about 1,650 meters,
March 16, 1920.

✓ 1128. *Rynchospora elongata* Boeckl.
Exposed hillside.

✓ 1129. *Parsonsia platyantha* (Lemaire).
Exposed hillside.

✓ 1130. *Pilea alpestris* Fawc. & Rendle.
Deep woods.

1131. *Peperomia verticillata* A. Dietr.

✓ 1133. *Solanum approximatum* Bitter.
Rocky banks.

1134 - - - ?
Lower slopes of Blue Mountain Peak; altitude about 1,950
meters, March 16, 1920.

1153 - - - ?
1171. *Epidendrum serrulatum* Swartz.
On trunk of forest tree.

✓ 1183. *Exostemma triflorum* G. Don.
Young plant 2 meters high; wild in forest.

Green River, at crossing of the trail from Cinchona to Whitfield Hall, March 16, 1920.

✓ 1200. *Senecio discolor* (Sw.) DC.
Shrub; edge of rocky water course; 3.5 m. high.

Below Cinchona, on the Clydesdale trail,
March 19, 1920.

1201. *Ponthieva glandulosa* (Sims) R. Br.
Flowers pale yellowish-green.
Open brushy bank.

Road from Silver Hill Gap (900 meters) to Hardware Gap (1,200 meters), March 19, 1920.

✓ 1233. *Pilea parietaria* Blume.
Moist brushy bank.

✓ 1255. *Phenax hirtus* (Sw.) Wedd.
Brushy rocky bank.

✓ 1265. *Elocharis geniculata* (L.) R. & S.
Moist ditch.

✓ 1271. *Ageratum houstonianum* Mill.
Flowers lavender.
Steep moist bank.

✓ 1272. *Asclepias curassavica* L.
Roadside. "Red-head."

Trail from Merces Gap to Vinegar Hill; altitude 1,175-1,500 meters, March 21, 1920.

✓ 1303. *Peperomia filiformis* (Sw.) A. Dietr.
In large tufts, at base of wet springy bank.

✓ 1311. *Cestrum hirtum* Swartz.
Edge of rocky forest.

✓ 1323. *Clibadium terebinthaceum* (Sw.) DC.
Shrub, 4-6 meters high.
Open rocky slopes, along trail.

1324b. *Hydrocotyle* . . . *pusilla* A. Rich.

Morces Gap and vicinity; altitude 1,500 meters,
March 21, 1920.

✓ 1331. *Hedyosmum arborescens* Swartz.
Rocky slope.

✓ 1333. *Eugenia virgultulosa* (Sw.) DC.
Rocky slopes
- - - "Redwood." (A slender tree or shrub, 4-6 m. high).

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,
March 21, 1920.

✓ 1334. *Garrya fadyenii* Heck.
Rocky slope.

About 7 meters high.

✓ 1336. *Ilex macfadyenii* (Walp.) Britton.
Spreading small tree, 6-8 meters high.
Rocky slope. "Holly."

✓ 1337. *Vaccinium meridionale* Swartz.
Shrub or small tree, 2-8 meters high.
Rocky slopes.

- - - - - Vicinity of Cinchona; altitude 1,500 meters,
March 22, 1920.

✓ 1340. *Myrica microcarpa* Benth.
Spreading tree, 6-7 meters high.

✓ 1341. *Juniperus lucayana* Britton.

✓ 1342. *Dodonea jamaicensis* DC.

- - - - - Below Cinchona, on trail to Strawberry Hill,
March 22, 1920.

✓ 1343. *Icacorea densiflora* (Kr. & Urban).
Tree, 7 meters high.

- - - - - Near Westphalia, below Cinchona, March 22, 1920.

✓ 1344. *Asclepias physocarpa* (E. Meyer) Schltr.
Introduced.

✓ 1345. *Senecio discolor* (Sw.) DC.
Brushy slope.
2 meters high.

✓ 1346. *Vernonia permollis* Gleason.
Brushy slope.
Flowers pink; 2 m. high.

"Old Mountain" Road, below Cinchona, March 22, 1920.

✓ 1347. *Viburnum alpinum* Macf.
Tree, 5-6 meters high.
Brushy slope. "Black Wattle."

✓ 1348. *Comocladia pubescens* Engl.

Brushy slope.

- - - Five-to 6 m. high.. "Maiden's plum." - - - - -

Near Green River, on trail from Cinchona to Whitfield Hall,
March 22, 1920.

✓ 1349. *Rhamnus sphaerospermum* Swartz.
Brushy slope. 6- 10 meters high.

✓ 1350. *Anneslia portoricensis* (Jacq.) Britton.
Brushy slope.

About 6 m. high. "White tamarind."

✓ 1351. *Gesneria exserta* Swartz.

Brushy slope.

- - - Shrub; 3.5-meters high; flowers pale yellow.. - - -

Hall's Delight, below Cinchona, March 23, 1920.

✓ 1356. *Cestrum diurnum* L.
About 2.5 meters high.
"Ink bush."

✓ 1357. *Coix lachryma-jobi* L.
Brushy slope.

Vicinity of St. Helens Gap, St. Andrew; altitude 1,475 meters,
March 24, 1920.

✓ 1369. *Citharexylum caudatum* L.
Tree (slender) 10 meters high.
Steep brushy slope.

✓ 1370. *Baccharis scoparia* (L.) Swartz.
Brushy slopes.

2-3 m. high. "Broom."

✓ 1371. *Rubus jamaicensis* L.
Often recumbent on shrubs and small trees. 2-4 m. high.
Thickets, at border of forest.

- - - Vicinity of Kingston, March 25, 1920.

✓ 1380. *Leucaena glauca* (L.) Benth.
Roadside.

✓ 1381. *Petiveria alliacea* L.
Roadside.

✓ 1382. *Fleurya aestuans* (L.) Gaud.
Roadside.

✓ 1383. *Amaranthus spinosus* L.
Roadside.

✓ 1384. *Plumbago scandens* L.
Roadside.

✓ 1385. *Melochia tomentosa* L.
Shrub, 1-2 meters high.
Roadside.

✓ 1386. *Andrographis paniculata* Nees.
Roadside.

✓ 1387. *Cleome spinosa* Jacq.
Roadside.

✓ 1388. *Rivina humilis* L.
Suffrutescent; roadside.

✓ 1389. *Cuscuta americana* L.
On various roadside plants.

Rockfort, March 22, 1920.

✓ 1390. *Cissampelos tomentosa* DC.
Climbing on low trees, along roadside.

✓ 1391. *Synedrella nodiflora* (L.) Gaertn.
Roadside.

✓ 1392. *Trichostigma octandrum* (L.) H. Walt.
Shrub, 2-3 meters high.
Roadside.

✓ 1393. *Atermanthera halimifolia* Lam.
Roadside.

✓ 1394. *Plumbago scandens* L.
Roadside.

✓ 1395. *Cassia emarginata* L.
Shrub or small tree, 3-3.5 meters high.
Roadside.

✓ 1396. *Heliotropium parviflorum* L.
Roadside.

✓ 1397. *Bastardia viscosa* (L.) H. B. K.
Suffrutescent.
Up to 1 m. high.

✓ 1398. *Heliotropium curassavicum* L.
On beach.

Near Constant Spring, March 21, 1920.

✓ 1400. *Indigofera mucronata* Spreng.
Low vine; roadside.

Vicinity of Guava Ridge, March 16, 1920.

✓ 1401. *Lantana trifolia* L.
Up to 1 meter high; roadside.

Near Mavis Bank, March 16, 1920.

1402. *Passiflora*. (Barren; possibly new species).
Climbing on shrubs.

1403. *Chamaecrista glandulosa* (L.) Greene.
Shrubby bank.

✓ 1404. *Strobilanthes glomeratus* (Nees) T. And.
Shrubby bank.

Near Guava Ridge; altitude about 650 meters,
March 16, 1920.

1405a. *Crepis japonica* (L.) Benth.
Dry open bank.

Below Cinchona, on trail to Yallahs River,
March 25, 1920.

✓ 1409. *Viburnum villosum* Swartz.
Shrub, 1.5-2 meters high.
Brushy slope.
"Black wattle."

✓ 1410. *Durante repens* L.
Straggling shrub, 1.5-2 Meters high.
Brushy slope.

Vicinity of Papine, March 26, 1920.

✓ 1422. *Tecoma stans* L.
1-2 meters high.
Along roadside.

Hone Garden, from seed collected by Wm. Harris at
Meylersfield, Westmoreland,
March 21, 1920.

✓ 1423. *Passiflora ciliata* Ait.
Climbing over low trees.

Near mouth of Great River west of Montego Bay,
March 30, 1920.

✓ 1424. *Piaropus crassipes* (Mart.) Britton.
In pools along road.

"Water hyacinth."

✓ 1425. *Cissus sicyoides* L.
Stout vine, along road.

✓ 1426. *Vigna repens* (L.) Kuntze.
Vine, along road.

✓ 1427. *Lippia nodiflora* (L.) Michx.
Along road.

✓ 1429. *Chamaesyce buxifolia* (Lam.) Small.
Rocky cliffs along ocean.

✓ 1430. *Potamogeton occidentalis* Sieber.
In slow-flowing stream.

✓ 1431. *Tournefortia asterotricha* DC.
Tree, 4-5 meters high; rocky cliffs along ocean.

✓ 1432. *Erythrina corallodendron* L.
Tree; flowers deep red; 4-5 meters high.

✓ 1433. *Lucaena glauca* (L.) Benth.
Tree, about 4 meters high; flowers white.
Sandy shore.

Orange River Valley, near Montego Bay,
March 30, 1920.

✓ 1434. *Jussiaea repens* L.
Muddy borders of pools.

✓ 1435. *Eleocharis geniculata* R. & S.
Muddy borders of pools.

✓ 1436. *Ruppia maritima* L.
In slow-flowing stream.

Vicinity of Montego Bay, March 28-30, 1920.

✓ 1437. *Peperomia amplexicaulis* (Sw.) Dietr.
Rocky, wooded bank.

✓ 1438. *Piper jamaicense* C. DC.
Shrub, 1-2 meters high.
Rocky, wooded bank.

✓ 1439. *Miconia laevigata* DC.
Shrub, 1-1.5 meters high.
Rocky, wooded bank.

✓ 1440. *Urechites lutea* (L.) Britton.
Vine; bright yellow flowers.
Roadside bank.

✓ 1441. *Cerdaria gerascanthus* (L.).
Tree, 3-4 meters high; flowers lavender, fragrant.
(Open woods.)

✓ 1442. *Haematoxylon campechianum* L.
Spreading tree, 5-7 meters high.
Roadside. "Logwood."

✓ 1444. *Spondias lutea* L.
Tree, 10 meters high.
"Birch."

Cocks Bottom, north of Ipswich, St. Elizabeth;
altitude 400-450 meters, March 31, 1920.

✓ 1450. *Neurolaena lobata* (L.) R. Br.
Brushy slope among rocks.
3-4 meters high; flowers yellow.

✓ 1457. *Pilea rufescens* Fawc. & Rendle.
Dry cliffs.
Straggling, a few cm. high, spreading, loosely rooted
on dry cliff and its talus.

✓ 1460. *Gesneria acaulis* L.
Dry crevices of shaded limestone cliff. Straggling;
Flowers vermillion.

✓ 1462. *Eugenia disticha* DC.
Rocky woods. Straggling shrub, low, 1 m. high or less.

Vicinity of Mulgrave, north of Ipswich, St. Elizabeth;
altitude 375 meters, April 1, 1920.

✓ 1483. *Eugenia disticha* DC.
Wooded slope.
Straggling bush.

1490. *Meibomia supina* (Sw.) Britton.
Shaded roadside bank.

Near Ipswich, St. Elizabeth; altitude 200-300 meters,
April 1, 1920.

1491. *Piper aduncum* L.
Treelike; 4 or 5 m. high, with stout central stem.
Steep sunny bank.

1492. *Chloris polydactyla* Swartz.
Roadside, among rocks.

1493. *Piper amalago* L.
2-3 meters high. Brushy open bank. "Black joint."

1494. *Piper jamaicense* C. DC.
Brushy open bank.
1.5 m. high.

1497. *Petitia domingensis* Jacq.
A small individual, about 7 or 8 m. high. "Fiddle wood."
Rocky slope.

1501. *Bauhinia divaricata* L.
Slender tree, 4-5 meters high.
Rocky slope.

1502. *Chiococca alba* (L.) Hitchc.
Slender shrub, 3 meters high; flowers yellowish-copper.
Roadside bank in the open.

1503. *Nectandra patens* (Sw.) Griseb.
Tree, 7 or 8 meters high; drooping branches.
Rocky slope. "Sweetwood."

1504. *Piper nigrinodium* C. DC.
Rocky slope, edge of forest. 2 meters high.

1506. *Pilea crassifolia* Blume.
Moist shady bank.
Leaves red beneath; dark, lustrous, metallic above.

1509. *Rhipsalis jamaicensis* Britton & Harris.
Hanging from base of tree, on steep bank. 2 m. long.

1512. *Piper hispidum* H. B. K.
About 2 m. high, freely branching. Bushy slope.

1514. *Rhipsalis cassytha* (L.) Gaertn.
Depending from trunks of large trees at edge of woods.

1516. *Acalypha virgata* (L.) Swartz.
Small spreading tree, about 4 m. high. Edge of forest.

1517. *Miconia laevigata* (L.) DC.
Roadside clearing. Flowers white, 3 m. high.

1518. *Meibomia axillaris* (Sw.) Ktze.
Running 2 m. or more. Damp roadside, beneath trees.

✓ 1519. *Paspalum simpsoni* Nash.
Rocky hillside.

✓ 1520. ---
1521. *Paspalum fimbriatum* H. B. K.
Roadside.

✓ 1522. *Olyra latifolia* L.
Shrub 1.5 m. high, apparently. Semierect.
On steep rocky bank, below road, in partial shade.

✓ 1523. *Miconia impetiolaris* (Sw.) Don.
2 m. high. Mature berries dark red and very juicy.
Roadside clearing.

✓ 1524. *Paspalum fimbriatum* H. B. K.
Roadside.

✓ 1525. *Cenchrus echinatus* L.
Roadside.

1525a. *Chaetochloa geniculata* (Lam.) M. & C.

Near Mocho, above Catadupa; altitude about 750 meters,
April 3, 1920.

✓ 1527. *Arthrostema fragile* Lindl.
1-1.5 meters high. Shrubby bank.

✓ 1532. *Heterotrichum patens* DC.
Small spreading tree, about 5 meters high.

✓ 1534. *Piper scabrum* Swartz.
3-4 meters high.

✓ 1535. *Rynchospora polyphylla* Vahl.
Roadside bank.

✓ 1536. *Andropogon bicornis* L.
Roadside bank.

✓ 1537. *Rubus jamaicensis* Swartz.
Climbing, 3-5 meters, on shrubs.

✓ 1539. *Scleria microcarpa* Nees?
1.5-2 m. high. Steep brushy bank.

✓ 1540. *Calyptrothecia chytraculia* (L.) Swartz.
Rather dense shrub, 2 m. high. Steep brushy bank.

✓ 1541. *Neuroleena lobata* (L.) R. Br.
1-2.5 m. high. Flowers yellow. Steep brushy bank.

✓ 1544. *Passiflora*. (Barren; possibly new species).
Brushy bank.

✓ 1546. *Passiflora foetida* L.
Brushy bank.

✓ 1548. *Passiflora sexflora* Juss.
Brushy bank.

✓ 1549. *Cestrum hirtum* Swartz.
Suffrutescent with virgate branches; about 3 m. high.

✓ 1552. *Besleria lutea* L.
Shrub, 60 cm. long.
Limestone cliff.

✓ 1553. *Tournefortia hirsutissima* L.
Shrub, 1.5 meters high.
Bank by roadside.

✓ 1555. *Pilea maxoni* Britton n. sp. (provisional).
Steep rock slope, partial shade.

✓ 1557. *Passiflora oblongata* Swartz.
Face of limestone cliff.
"Red wiss."

Bogue Island, near Montego Bay, April 5, 1920.

✓ 1563. *Achyranthes ficoidea* (L.) Lam.
Prostrate. (Cambridge Rwy Sta.)

Pigeon Island, 10 miles off Old Harbour Bay,
April 6 and 7, 1920.

✓ 1564. *Jacquemontia jamaicensis* (Jacq.) Hall.
Climbing, 2 m. on shrub.

✓ 1565. *Erihalis fruticosa* L.
Shrub, 2-3 meters high. Flowers white.

✓ 1568. *Chamaesyce blodgettii* (Engelm.) Small.
Prostrate or weakly ascending.
A few rods from the beach.

✓ 1569. *Cenchrus pauciflorus* Benth.
In large tufts. Pine shell "sand," away from beach.

✓ 1570. *Chaetochloa geniculata* (Lam.) Millsp. & Chase.
Pine shell "sand," away from beach.

✓ 1571. *Cordia sebestena* L.
Tree used for fuel. 5-7 m. high. Flowers vermillion.

✓ 1572. *Boerhaavia caribaea* Jacq.
Prostrate, usually; spreading 1 meter or more.
Sand, several rods from beach.

✓ 1573. *Cakile lanceolata* (Willd.) O. E. Schulz.
Succulent. Diffuse; flowers white.

✓ 1574. *Waltheria americana* L.
1 meter high, or more. Sand, several rods from beach.

✓ 1575. *Turnera ulmifolia* L.
0.5-0.7 high.

✓ 1576. *Morinda royoc* L.
Less than 1 m. high. Sand, several rods from beach.

✓ 1577. *Rhus metopium* L.
Shrub.

✓ 1578. *Capparis ferruginea* L.
Spreading tree, 5 or 6 meters high, branches drooping.
Flowers white.

✓ 1579. *Lasicroton macrophyllus* (Sw.) Griseb.

✓ 1580. *Canella winterana* (L.) Gaertn.
Small tree, 0.5-1 m. high. Fruit bright red, fleshy.

✓ 1581. *Conocarpus erecta* L.
Shrub.

✓ 1582. *Erigeron pusillus* Nutt.
Beach.

✓ 1583. *Sophora tomentosa* L.
Shrub; beach.

✓ 1584. *Lantana involucrata* L. Forming rounded symmetrical
closely branched bushes, 1-1.5m. high. Fruit light
pink at maturity.

✓ 1585. *Cyperus brunneus* Swartz.

✓ 1586. *Euphorbia*.
Beach.

Great Goat Island, April 8, 1920.

✓ 1587. *Capparis ferruginea* L.
Small tree, 4 or 5 meters high.

✓ 1588. *Jacquinia armillaris* L.
Tree, 5 meters high, small, erect, with close-set
branches; trunk smooth.

✓ 1589. *Prosopsis juliflora* DC.
Low, spreading tree, 5 or 6 meters high.

✓ 1590. *Randia mitis* L.
Slender tree about 3 m. high, in thicket.

✓ 1591. *Groton linearis* Jacq. About 2-2.5m. high. The commonest
under shrub forming very dense thickets with *Smilax* liane

✓ 1592. *Sarcophalus laurinus* Griseb.
Shrub; rocky slope.

✓ 1594. *Capparis cynophallophora* L.
Rocky slope. Tree, 7 or 8 m. high.

✓ 1595. *Capparis ferruginea* L.
Rocky slope.

✓ 1596. *Randia mitis* L.
Rocky slope.

✓ 1597. *Jacquinia armillaris* L.

Vicinity of Montego Bay, March 28, 1920.

✓ 1600. *Peperomia pellucida* (L.) H. B. K.
Roadside. Stone wall.

✓ 1601. *Salvia serotina* L.
Roadside.

✓ 1602. *Parthenium hysterophorus* L.
Roadside.

✓ 1603. *Morinda royoc* L.
Shrub, 30-50 cm. high.

✓ 1604. *Commelina elegans* H. B. K.
Roadside.

✓ 1605. *Friva lappulacea* (L.) Pers.
Rocky banks along road.

✓ 1606. *Commelina elegans* H. B. K.
Rocky banks along road.

✓ 1607. *Selenicereus grandiflorus* (L.) Britton & Rose.
Rocky bank along road.

✓ 1608. *Thunbergia fragrans* Roxb.
Climbing over stone fences.

Coastal region east of Montego Bay; sea level,
March 28, 1920.

✓ 1609. *Paspalum caespitosum* Flügge.
Roadside.

✓ 1610. *Erithalis fruticosa* L.
Shrub, 1 meter high; on beach.

✓ 1611. *Suriana maritima* L.
Shrub; beach. 2-2.5 m. high.

✓ 1612. *Cakile lanceolata* (Willd.) O. E. Schulz.
Sand.

✓ 1613. *Chamaesyce buxifolia* (Lam.) Small.
Sand.

✓ 1614. *Eupatorium villosum* Swartz.
Sand.

✓ 1615. *Echites echites* (L.) Britton.
Sand.

Vine, cream-colored flowers.

✓ 1616. *Turnera ulmifolia* L.
Suffrutescent, 30-60 cm. high; flowers yellow.

✓ 1617. *Waltheria americana* L.
Flowers yellow. 30-40 cm. high.

✓ 1621. *Batis maritima* L.
Beach.

✓ 1622. *Stemodia maritima* L.
Flowers blue; flats along shore.
Suffrutescent, 30-50 cm. high.

✓ 1623. *Thespesia populnea* Cav.
Mangrove swamp.
Shrub, 1.6-2.5 m. high. Flowers pink.
1624. *Philoxyrus vermicularis* (L.) Beauv.
Mangrove swamp.

✓ 1625. *Ipomoea cathartica* Poir.
Trailing on ground along roadside.

1626. *Broughtonia sanguinea* (Sw.) R. Br.
Base of tree on limestone cliffs.
Flowers reddish-pink.

✓ 1627. *Solanum bahamense* L.
Shrub about 2 meters high; berry black.
Beach.

✓ 1629. *Bradburya pubescens* (Benth.) Kuntze.
Sand.
Trailing.

✓ 1630. *Leucaena glauca* (L.) Benth.
Flowers white. 40 cm. high.

✓ 1635. *Conocarpus erecta* L.
Low, straggling shrub in sand.

✓ 1636. *Lippia geminata* H. B. K.
Roadside; flowers white.

✓ 1637. *Stigmaphyllon emarginatum* Juss.
Vine, climbing over stone-walls; along road.

✓ 1638. *Guazuma guazuma* (L.) Cockerell.
Tree, 3-5 meters high. "Cedar."

✓ 1639. *Coccoloba uvifera* L.
Tree, about 4 meters high.
"Beach-Grape." - - - - -

✓ Vicinity of Montego Bay, March 28, 1920.
1642. *Trichostigma octandrum* (L.) H. Walt.
Shrub, about 3 meters high.

✓ 1643. *Chamissoa altissima* H. B. K.
Stout vine, climbing over no. 1642.

✓ 1644. *Porana paniculata* Roxb.
Vine; flowers white.

✓ 1645. *Hibiscus lavateroides* Moric.
Brushy bank; suffrutescent.
20-30 cm. high; flowers pink.

✓ 1646. *Tragia volubilis* L.
Vine.
"Scow-itc."

✓ 1647. *Miconia laevigata* (L.) DC.
Shrub, 50 cm. high.

✓ 1648. *Lantana camara* L.
30-40 cm. high.

✓ 1649. *Bradburya virginica* (L.) Kuntze.
Vine, trailing over low herbs.

✓ 1650. *Crotalaria retusa* L.
Roadside.

✓ 1651. *Tecoma stans* (L.) H. B. K.
Shrub, 70-80 cm. high.

✓ 1652. *Emilia sonchifolia* (L.) DC.
Along roadside.

✓ 1655. *Crotalaria verrucosa* L.
Roadside; flowers blue.

✓ 1656. *Iresine celosia* L.
Roadside.
Rocky banks.

✓ 1657. *Passiflora suberosa* L.
Trailing over rocky banks.

✓ 1659. *Pilea tenerrima* Miq.
On rocks in deep woods.

✓ 1660. *Antigonum leptopus* Hook. Arn.
Vine, climbing over shrubs; flowers pink.

✓ 1661. *Heliotropium indicum* L.
Roadside.

✓ 1662. *Cassia ligustrina* L.
Shrub, 40-60 cm. high; flowers yellow.

Orange River Valley, near Montego Bay, March 29, 1920.

✓ 1663. *Melia azederach* L.
Tree, 4-5 meters high, trunk 6 cm. in diameter.

✓ 1664. *Ipomoea tiliacea* (Willd.) Choisy.
Climbing over shrubs along road.

1665. *Bunchosia swartziana* Griseb.
Low shrub, along road; flowers yellow.

✓ 1666. *Rivina humilis* L.
Suffrutescent; 40-50 cm. high.

✓ 1667. *Momordica charantia* L.
Trailing on ground along road.

✓ 1668. *Bauhinia divaricata* L.
Along road.
Tree, 3 meters high; flowers pink.

✓ 1669. *Paspalum fimbriatum* H. B. K.
Roadside.

✓ 1671. *Bidens leucantha* Willd.
In open woods.

✓ 1673. *Lasiacis sloanei* (Griseb.) Hitchc.
Woods.

1674. *Moringa moringa* (L.) Millsp.
Tree; flowers pink and white.

✓ 1675. *Echites terosa* Jacq.
Vine, along road; flowers yellow.

✓ 1676. *Passiflora rubra* L.
Vine, along road.

✓ 1678. *Oxalis martiana* Zucc.
Along road.

✓ 1679. *Solanum torvum* Swartz.
Shrub, 2 meters high; flowers white.

✓ 1680. *Mimosa pudica* L.
Trailing on ground.

✓ 1682. *Piper aduncum* L.
Shrub, 2-3 meters high; along road.

✓ 1683. *Pluchea odorata* (L.) Cass.
Shrub, 1.5-2 meters high; along road.

✓ 1684. *Pavonia nemoralis* St. Hil.
Flowers white; along road.

✓ 1685. *Jussiaea suffruticosa* L.
Along stream; flowers yellow.

✓ 1686. *Potamogeton occidentalis* Sieber.
In slow-flowing stream.

✓ 1687. *Lantana trifolia* L.
Flowers deep lavender; along road.

Vicinity of Montego Bay, March 29, 1920.

✓ 1688. *Cleome spinosa* Jacq.
Gravelly stream-bottom.

✓ 1689. *Mirabilis jalapa* L.
Gravelly stream-bottom.
Flowers white. Thoroughly naturalized. "Four-o'clock".

1690. *Mirabilis jalapa* L.
Gravelly stream-bottom.

✓ 1691. *Datura stramonium* L.
Gravelly stream-bottom.

1692. *Crataeva tapia* L.
Gravelly stream-bottom. Tree, 8-10 m. high. "Wild pear."

1693. *Plumbago scandens* L.
Roadsides.

✓ 1694. *Amaranthus gracilis* Desf.
Roadsides.

✓ 1695. *Eragrostis ciliaris* (L.) Link.
Roadsides.

✓ 1696. *Boerhaavia coccinea* Mill.
Roadsides.

1697. *Physalis angulata ramosissima* (Mill.) Schulz.
Roadsides.

Balclava; altitude 240 meters, March 29, 1920.

✓ 1698. *Parthenium hysterophorus* L.
Railroad tracks.

Costal region between Montego Bay and Falmouth,
March 28, 1920.

✓ 1700. *Jacquemontia jamaicensis* (Jacq.) Hall.
Sand.
Climbing shrubby vine.

Along railroad tracks near Greenvale, March 31, 1920.

✓ 1701. *Passiflora suberosa* L.

Peru Antonio, February 20, 1920.

✓ 1702. *Opuntia dillenii* (Ker) Haw.
Rocky banks along coast.

Vicinity of Hope Garden, April 6, 1920.

✓ 1703. *Ichthyomethia picipula* (L.) Hitchc.

✓ 1704. *Ochroma lagopus* Swartz.

Near Greenvale, March 31, 1920.

1706. *Passiflora rubra* L.
Trailing.
Along railroad tracks.

1707. *Bidens reptans* (L.) D. Don.
Along railroad tracks.

Seamen's Valley, Portland; altitude 150-250 meters,
February 14, 1920.

✓ 1717. *Eupatorium microstemon*. Cass.

Vicinity of Windsor, Portland; altitude 150-175 meters,
February 15-19, 1920.

✓ 1719. *Paspalum plicatulum* Michx.

Great Goat Island, April 8, 1920.

✓ 1720. *Rochefortia acanthophora* (DC.) Griseb.
Small tree.

Trail from St. Helens Gap to Latimer River;
altitude 1,400-1,475 meters, March, 1920.

✓ 1721. *Ascyrum hypericoides* L.

Morces Gap and vicinity; altitude 1,500 meters,
March, 1920.

✓ 1722. *Columnea hirsuta* Swartz.
On trees, deep woods.

Vicinity of Portland Gap; altitude about 1,650 meters,
March 16, 1920.

✓ 1723. *Micromeria viminea* L.
Edge of deep forest.

St. Helens Gap, March 21, 1920.

✓ 1724. *Eugenia virgultulosa* (Sw.) DC.
Edge of woods.

✓ -----
Pigeon Island, April 6 and 7, 1920.
1725. *Melanthera deltoidea* Mx.

Costal region east of Montego Bay, March 28, 1920.

1734. *Stigmaphyllo emarginatum* (Cav.) A. Juss.
Vine, climbing over stone walls along road.

Missing from list.

Rockfort, March 22, 1920.

✓ 1399. *Pisonia aculeata* L.
Straggling shrub, 2-3 meters high.
Roadside.

Cooks Bottom, north of Ipswich, St. Elizabeth; altitude
400-450 meters, March 31, 1920.

✓ 1458. *Pilea brevistipula* Urban.
Moist talus of shaded limestone cliff.

Bogue Idaho, near Montego Bay, April 5, 1920.

✓ 1562. *Chloris petraea* Swartz.
Beach.

No specimens for nos.

21	785
54 a	835
85	917
104	940
117	950
121	971
127	980
189	1032
253	1057
255	1075
271	1085
274	1093
282	1119
288	1131
292	1171
302	1201
313	1324 b
314	1402
355	1405 a
356	1436
362	1525 a
368	1586
394	1626
419	1629
435	1665
470	1674
482	1690
517	1693
535 a	1697
555	1706
591	1707
592	1734
678	
691 a	
733	
741	

No identified no. on list

1487
677
792
806
1520
1134
1153
61 a
62 a
254
921
1072 a
61 a
62 a
254
677
792
806
921
1072 a
1134
1153
1487
1520

12 specimens

68 nos.

Mr. Maxon's Plants of Jamaica.

Reported to
Maxon
27 Oct. 1920

CAPPARIDACEAE

1387 *Cleome spinosa* Jacq.

1688 " " "

1692 *Crataeva* sp.

VERBENACEAE

284 *Lippia nodiflora* (L.) Michx.

327 *Avicennia nitida* Jacq.

405 *Lantana crocea* Jacq.

513 *Stachytarpheta jamaicensis* (L.) Vahl.

569 *Verbena bonariensis* L.

885 *Lantana angustifolia* Mill.

912 " *Camara* L.

1369 *Citharexylum caudatum* L.

1401 *Lantana trifolia* L.

1427 *Lippia modiflora* (L.) Michx.

1605 *Priva lappulacea* (L.) Pers.

1636 *Lippia geminata* HBK.

1648 *Lantana Camara* L.

1687 " *trifolia* L.

COMPOSITAE-EUPATORIEAE

107 *Mikania micrantha* HBK.

110 *Eupatorium microstemon* Cass.

345 *Mikania micrantha* HBK.

381 *Eupatorium villosum* Sw.

431 *Ageratum conyzoides* L.

561 *Eupatorium riparium* Regel.

566 *Eupatorium glandulosum* HBK.

1036 *Eupatorium heteroclinium* Griseb.

1271 *Ageratum conyzoides* L.

1614 *Eupatorium villosum* Sw.

1717 " *microstemon* Cass.

NEUROLAENAS

(Often referred to the EUPATORIUM tribe in preliminary sorting)

1450 *Neurolaena lobata* (L.) R. Br.

1541 " " " "